DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
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MARINE CORPS ORDER MCO 3501.7A

From: Commandant of the Marine Corps
To: Distribution List

Subj: MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (SHORT TITLE: MCCRES); VOLUME VI, COMBAT SERVICE SUPPORT UNITS

Ref: (a) MCO 3501.1

Encl: (1) Volume VI - Mission Performance Standards (MPS's) for Combat Service Support Units

1. Purpose. To promulgate Volume VI of MCCRES for use in the training and evaluation of combat service support units per reference (a).

2. Cancellation. MCO 3501.7.

3. Information. The reference establishes MCCRES for implementation within the Marine Corps. The enclosure, supported by the policies and procedures set forth in the reference provides the MPS's for use in evaluation of the combat readiness of combat service support units to perform combat operations.

4. Action. Commanders will:

a. Use the MPS's contained in the enclosure as guidelines for establishing training goals, training programs, and to prepare for formal readiness evaluations as directed by higher headquarters per the reference.

b. When appropriate, use the MPS's for informal evaluations, and/or as an inventory to determine a unit's current training status and areas for future progressive training programs.

c. Make every effort to conduct evaluations when the unit is participating in their appropriate role as part of a Marine Air Ground Task Force (MAGTF). This method will strengthen integration efforts and give a more complete evaluation of realistic combat readiness.

5. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

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INTRODUCTION:

1. The FSSG provides combat service support to all elements of the MEF. The FSSG Commander, in coordination with the MEF G-4, advises the MEF commander on the capabilities and methods by which the CSS requirements can best be met. Through their recommendations, the MEF commander is better able to set priorities for support, contend with identified shortfalls, and make necessary adjustments to operational plans. Further, the FSSG must closely coordinate the planned allocation of resources with all MAGTF elements, and anticipate both short and ions range logistics requirements.

2. The tasks and standards contained within this Volume are designed to facilitate the evaluation of those planning, preparation, and execution tasks which the FSSG may be required to perform in a combat environment. The tasks and standards were derived from Marine Corps doctrine, tactics, techniques and procedures, other service methodologies, and field recommendations from the Fleet Marine Force. CSS planners and personnel should become thoroughly familiar with FMFM 1, FMFM 1-1, FMFM 4, and OH 4-1.

3. It is recommended that commanders use MCCRES Mission Performance Standards (MPS's) to establish training objectives, and take every opportunity to informally evaluate their units against these standards. The system provides the commander with a tool to help assess and evaluate the combat readiness and training of his unit, to identify strengths and weaknesses, and to assign priorities for future training requirements. The standards apply to the FSSG in support of a MEF, and evaluations must be conducted in the context of meeting MEF requirements, to determine whether or not these requirements were recognized, planned for, and provided. Employment of the standards by smaller CSSE's or even units within a CSSE will be useful but need to be tailored. indeed some task conditions use CSSE instead of FSSG, especially concerning types of organic functions and capabilities for which a capability must exist, but less at the FSSG level than for smaller CSSE's.

4. MCCRES tasks for the FSSG presuppose that resources are adequate to achieve minimum acceptable standards. It is acknowledged, however, that sufficient personnel and equipment are not always available. The standards are written so that those sections applicable to a particular operation or training exercise can be selected for evaluation. Naturally, the evaluation is limited if the unit's participation in an exercise does not allow them to attempt all the standards. Special exercises are not required to satisfy ACRES evaluation requirements, but rather commanders may use any type of exercise. Results should be used as an aid in the formulation of the unit's future training programs. When other external factors contribute to limiting the unit's combat evaluation, it should be noted in the "comment" column of the evaluation sheet and recorded in the overall report.

5. Some sections, such as Engineering Combat Support, contain standards which imply a mission that doctrinally may not be the responsibility of the FSSG. Common experience, secondary missions; etc, however, demonstrates that these missions are frequently performed by the FSSG at the direction of, or in support of, the MEF. The standards have been included for the purpose of assisting the FSSG in successfully planning, preparing, and conducting these tasks.

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SECTION 6A

FSSG COMMAND ELEMENT

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INTRODUCTION:

This section contains three critical MPS’s for the command and control of a task organized FSSG in providing CSS to elements of a MEF. The MPS’s in this section are:

6A.1 Combat Service Support Planning far the FSSG.

6A.2 Organic Communications.

6A.3 Organic Combat Service Support

6A.4 Combat Service Support Operations.

The tasks and standards contained in these MPS’s were designed to cause FSSG command element personnel to consider all aspects of CSS; i.e., the planning, preparation, and conduct of all functional areas of combat service support, and to ensure that integration and coordination of CSS plans and operations fully support overall MEF requirements.

The tactical scenario may be such that not all tasks are planned to be, or can be, evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet, Commander: should evaluate these areas during subsequent training opportunities.

6A. 1 PLANNING COMBAT SERVICE SUPPORT FOR THE MEF

TASK: 6A.1.1 PLAN CSS

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun combat service support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Analyzes the mission and available information to identify inherent CSS requirements.

.2 ____ Reviews the MEF G-2 intelligence estimate to gather all available intelligence on the enemy and information on the area (see Task: 6A.1.2 Plan CSS Intelligence).

.3 ____ Establishes continuing coordination with GCE, ACE, and MEF planners involved with CSS operations.

.4 ____ Develops, in coordination with the,GCE, ACE, and command element, an initial CSS estimate of supportability comparing CSS related factors influencing each proposed MEF tactical course of action.

.5 ____ Develops, in coordination with the GCE, ACE, and command element, a detailed CSS estimate of supportability comparing all CSS related factors influencing each proposed MEF tactical course of action.

.6 ____ Utilizes existing plans, SOP’s, and lessons learned to develop a concept of logistic/combat service support. (KI)

.7 ____ Ensures CSS concept provides for CSS to be provided as geographically far forward as possible to minimize delivery delays.

.8 ____ Ensures CSS concept provides for the flexibility to adjust the depth of the FSSG according to communications capabilities on location.

.9 ____ Includes plans for sustainability in the concept of LOG/CSS beginning at D+61, as required.

.10 ____ Computes consumption factors and detailed logistic requirements for each phase of the operation, based on types of support and quantities required.

.11 ____ Identifies a priority of support by type and unit as provided by MEF commander.

.12 ____ Identifies in coordination with the MEF commend element end other service agencies, host nation support agreements or interservice sources of CSS. (KI)

.13 ____ Conducts a survey of the available areas and facilities to identify provisions for reception, offload, clearance, and storage of supplies and equipment; and access to routes for distribution and evacuation.

.14 ____ Coordinates the planned use of areas and facilities with the MEF commend element and GCE/ACE headquarters.

.15 ____ Task organizes the FSSG based on MEF concept of operations and scheme of maneuver.

.16 ____ Identifies shortfalls, problems, and css limitations for consideration by the MEF commander.

.17 ____ Develops contingency plans to provide required CSS to include mass casualties and the rapid movement of personnel, supplies, and/or equipment.

.18 ____ Ensures the priority of landing CSS units includes maximum consideration for organic weapons to defend the BSA.

.19 ____ Determines requirements for the evacuation of casualties, medical and dental support, medical supply, establishment ashore of casualty treatment, and temporary hospitalization. (see Task: 6E.1.1 Plan For Health Services).

.20 ____ Coordinates with GCE, ACE, and the appropriate movement coordination center in the development of the MEF transportation plan to move all MEF elements to serial/surface port of embarkation (APOE/SPOE).

.21 ____ Reviews embarkation data to ensure combat loading.

.22 ____ Ensures FSSG Operation Plan contains formal mission statements for subordinate CSS units, and sets forth CSS policies.

.23 ____ Coordinates the transportation requirements which exceed the organic capabilities of the requesting unit.

.24 ____ Arranges commercial transportation to fulfill transportation requirements which exceed the organic capabilities of the MEF.

.25 ____ Coordinates with the MEF commend element, GCE, and ACE to prioritize the transportation requirements of requesting units.

EVALUATOR INSTRUCTIONS: The estimates can be either written or verbal, depending on the situation, and time available.

KEY INDICATORS:

CONCEPT OF LOGISTIC/COMBAT SERVICE SUPPORT

The CSS Concept of Logistic/Combat Service Support includes:

1. Mission of the FSSG.

2. Tactical concepts of operations by phase.

3. CSS requirements for each phase, divided by functional area.

4. A CSS concept for each phase including major CSS task organizations and their locations.

OUTSIDE SOURCES OF CSS

Particular concerns include facilities, supplies, and transportation. Planners also must determine the location of supplies and their availability; and they establish procedures to provide for requesting required assets.

TASK: 6A.1.2 PLAN CSS INTELLIGENCE

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun combat service support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Prepares a preliminary intelligence estimate upon receipt of the initiating directive.

.2 ____ Conducts liaison with MEF G-2 to prepare a detailed intelligence estimate upon receipt of the commander's guidance.

.3 ____ Makes early distribution of the intelligence estimate to allow other staff officers to prepare their estimates.

.4 ____ Considers all organic collection assets available to the MEF to support the collection effort when requesting support.

.5 ____ Coordinates. with other members of the FSSG, to develop CSS intelligence requirements; i.e., availability of local resources, sources of supply, available facilities, road networks, effects of weather, etc.

.6 ____ Determines, based on the assigned mission and guidance from the commander, CSS intelligence requirements, basic requirements, essential elements of information (EEI'S), and other intelligence requirements (OIR's) of the FSSG.

.7 ____ Submits a prioritized list of intelligence requirements to the MEF G-2, or through them to higher, adjacent, end supporting commends.

.8 ____ Coordinates with the MEF G-2 for a collection plan that provides for the continuous collection of information throughout all phases of the operation, and reflects the status of the collection effort.

.9 ____ Prepares an intelligence annex to the FSSG operations order that defines the manner in which intelligence operations will be conducted.

.10 ____ Records intelligence information on a collection worksheet to monitor, study, and compare.

.11 ____ Determines FSSG requirements for maps, charts, photographs, and other graphic aids.

.12 ____ Coordinates with the MEF counterintelligence officer to provide CI analysis of the operating area.

.13 ____ Identifies intelligence reporting requirements; i.e., time constraints and to whom to report.

.14 ____ Evaluates information as to pertinence, reliability of source, and accuracy.

.15 ____ Determines requirements for dissemination; i.e., timeliness, usability of form, pertinence, and security.

.16 ____ Ensures the intelligence annex amplifies the procedures contained in the MEF SOP for inteLligence.

EVALUATE INSTRUCTIONS: None.

KEY INDICATORS: None.

6A.2 ORGANIC COMMUNICATIONS

TASK: 6A.2.1 PLAN COMMUNICATIONS

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun combat service support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Plans communications support.

.2 ____ Prepares a communications plan.

.3 ____ Reconnoiters communications sites.

.4 ____ Moves to/occupies tactical sites.

.5 ____ Installs single channel radio (SCR) nets.

.6 ____ Installs communication centers.

.7 ____ Installs wire system/tactical automatic switching system (TASS).

.8 ____ Installs multichannel radios.

.9 ____ Establishes the system control center.

.10 ____ Establishes the technical control facility.

.11 ____ Establishes mobile electric power generating system (MEPGS)

EVALUATOR INSTRUCTIONS: A detailed description of an evaluation for Communications Company. FSSG can be found in Volume 11 of the MCCRES.

KEY INDICATORS: None.

TASK: 6A.2.2 CONDUCT COMMUNICATIONS

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun combat service support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Operates single channel radio (SCR) nets.

.2 ____ Operates communications center(s).

.3 ____ Operates wire system/TASS.

.4 ____ Operates multichannel radios.

.5 ____ Conducts communications security, (KI)

.6 ____ Operates the system control center.

.7 ____ Operates the technical control facility.

EVALUATOR INSTRUCTIONS: A detailed description of an evaluation for Communications Company, FSSG can be found in Volume 11 of the MCCRES.

KEY INDICATORS:

COMMUNICATIONS SECURITY

Because of the less mobile nature of CSS communications and operations centers, and of the tactical probability that enemy forces will try to locate and destroy the CSS capability of our force, the exercise of net discipline can be critical. The following practices should always be observed if possible.

1. Determining that each transmitter and receiver is tuned to the exact assigned operating frequency.

2. Expediting flow of message traffic on the net, especially with regard to brevity, key words, and prioritizing and hatching messages.

3. Maintaining circuit discipline.

4. Comply with BEADWINDOW and GINGERBREAD procedures.

5. Limit transmissions to the minimum essential for mission accomplishment.

6. Imposing and lifting radio silence.

7. Transmitting on lowest power necessary to maintain communication.

8. Making maximum use of directional antennas to reduce electromagnetic signature.

9. Making maximum use of remote antennas.

10. Using terrain to mask antennas when feasible.

TASK: 6A.2.3 PERFORM UNIT MISSION WITHOUT RADIO COMMUNICATIONS

CONDITION(S): While performing the mission during high tempo operations, the unit loses all radio communications for a period of 2-4 hours.

STANDARDS: EVAL: Y; N; NE

.1 ____ Submit the appropriate report if electronic countermeasures are suspected of causing the problem.

.2 ____ Mission-type orders have been issued that allow units to perform the mission despite the lack of radio communications.

.3 ____ Appropriate actions occur to restore radio communications. (KI)

.4 ____ Unit continues to perform their assigned mission.

.5 ____ Reliance on wire and messengers is increased until nets are restored.

.6 ____ Mission performance degradation is not experienced.

EVALUATOR INSTRUCTIONS:

1. After loss of communications, spare frequencies may be used for restoration purposes.

2. Events are planned, that would normally require the use of radio communications, during the "reduced communications" time in order to observe the unit's performance without radio nets.

3. Additional information is available from FMFM 6-1A, OH 3-4, and OH 7-12.

KEY INDICATORS: Actions include using spare frequencies, using principle officers on the restored radio nets to increase the speed of transmission, and relocating antennas to reduce ECM effectiveness.

6A.3 ORGANIC COMBAT SERVICE SUPPORT

TASK: 6A.3.1 MAINTAIN ORGANIC EQUIPMENT

CONDITION(S): An organic maintenance capability exists at the appropriate unit level. Communication elements, to include contact maintenance teams, are deployed to provide limited intermediate level maintenance.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures the location of the unit's field maintenance facilities and personnel will support the unit's employment.

.2 ____ Ensures the maintenance facilities provide the complete capability to support the operation in the unit mission statement.

.3 ____ Ensures capability to repair organic equipment.

.4 ____ Establishes liaisons for supply support and equipment evacuation, as appropriate.

.5 ____ Identifies to the supporting maintenance unit any nonorganic repair or calibration services required to support equipment.

.6 ____ Calculates pre-expended bin items and quantities based upon rates of consumption, and expected resupply rates to support operational requirements.

.7 ____ Ensures adequate critical low density parts are available within deployment supply block, as well as intermediate facilities.

.8 ____ Identifies special test and support equipment required to support equipment when initial issues are inadequate.

.9 ____ Ensures current status of supported equipment is readily available.

.10 ____ Ensures organizational level maintenance personnel correct all equipment deficiencies within their capabilities per established procedures.

.11 ____ Ensures unit maintenance personnel are thoroughly familiar with unit SOP procedures to evacuate equipment to higher echelon maintenance facilities, when required.

.12 ____ Responds in a timely manner to requests for maintenance contact team support.

.13 ____ Performs authorized maintenance as far forward as possible to reduce delay time.

.14 ____ Replaces deadlined float equipment with maintenance float assets to ensure maximum operational support, when required.

.15 ____ Requests intermediate maintenance contact support, when required.

.16 ____ Coordinates equipment evacuation, when required.

.17 ____ Maintains equipment maintenance records and reports at the organizational and intermediate level per unit SOP.

EVALUATOR INSTRUCTIONS: Evaluate unit's compliance with authorized echelons of maintenance as established by unit's T/O and MMSOP.

Coordinate evaluations of maintenance facilities through the MMO.

KEY INDICATORS: NONE.

TASK: 6A. 3 - 2 CONDUCT SUPPLY OPERATIONS

CONDITION(S): CSS units have been deployed in support of operations. Essential to mission accomplishment is the ability to maintain adequate internal stock levels for all classes of supply. The company supply facility has been deployed. A CSSE is located within the local area of operations.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures adequate initial supply support (all classes) to accomplish the mission is available to each unit element.

.2 ____ Ensures adequate food, water, fuel, and other supplies are available at each site.

.3 ____ Establishes resupply procedures/priorities for food, water, and fuel with CSSE.

.4 ____ Establishes procedures for obtaining additional spare parts, ORF exchange. and depot items of required equipment.

.5 ____ Ensures that supply personnel know the location of supply points for all classes of supply to include POL, ordnance, and repair parts.

.6 ____ Ensures adequate amounts of small arms ammunition (5.56, 9MM, .50 cal) are planned for site defense, and delivered to the deployed units.

.7 ____ Ensures sufficient amounts of other special ordnance item: (hand grenades, smoke, illumination, etc.) are on hand.

.8 ____ Establishes procedures for obtaining ground defense devices, such as concertina wire and engineer stakes to meet tactical needs.

.9 ____ Monitors supply status, and maintains constant liaison with subordinate units.

EVALUATOR INSTRUCTIONS: NONE.

KEY INDICATORS: NONE.

TASK: 6A.3.3 CONDUCT FIXED-WING AIRCRAFT MOUNT OUT OPERATIONS

CONDITION(S): Contingency plans require elements to redeploy by fixed-wing air in support of continuing operations. The unit staff is planning for air embarkation of unit elements.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts early and detailed air movement planning with the CSSE.

.2 ____ Summits a request for lift assets to CSSE.

.3 ____ Divides and item: into loads with emphasis on the equipment necessary for initial operational requirements.

.4 ____ Task organizes personnel for movement based on the operational requirements and the number of transports available.

.5 ____ Prepares load plans and coordinates these plans with the CSSE.

.6 ____ Identifies hazardous cargo per applicable regulations, to higher command/loadmasters.

.7 ____ Prepares equipment for aircraft movement as specified in the appropriate Th/unit SOP.

.8 ____ Organizes personnel into teams for assistance with loading, unloading re-embarking new transportation means, security, and operational installations.

.9 ____ Stages equipment and dunnage at the loading site.

.10 ____ Identifies material handling equipment requirements to CSSE for offloading at the destination air field.

.11 ____ Loads equipment under the direction of loadmaster.

.12 ____ Arranges for follow-on transportation to the operational site(s).

.13 ____ Plans special communications support for use during military airlift operations in coordination with CSSE.

.14 ____ Activates movement control circuits as required by local regulations.

.15 ____ Executes the movement.

EVALUATOR INSTRUCTIONS: NONE.

KEY INDICATORS: NONE.

TASK: 6A. 3.4 CONDUCT ROTARY-WING MOVEMENT OPERATIONS

CONDITION(S): Elements have been ordered to displace to a remote area accessible by helicopter only. Assignments to individual units have been made.

STANDARDS: EVAL: Y; N; NE

.1 ____ Requests helicopter support from CSSE.

.2 ____ Provides detailed embarkation information to ensure sufficient numbers of helicopters for the movement.

.3 ____ Requests and utilizes an HST for the helicopter loading and movement.

.4 ____ Coordinates with aviation planners to ensure and item weights are made available to the helicopter load planners.

.5 ____ Task organizes personnel into manageable lifts for movement to the site based on tactical initial setup requirements and security.

.6 ____ Manifests personnel for movement to the site.

.7 ____ Assists helicopter unit in the preparation of the heliteam wave, and serial assignment tables.

.8 ____ Prepares serials and lifts of outsized equipment per OH 5-3A, Helicopter External Cargo Loading.

.9 ____ Prepares each item of equipment. for movement per the appropriate Th/unit SOP.

.10 ____ Briefs HST on equipment specifications, use of spreader bars and equipment positions at the tactical site.

.11 ____ Briefs helicopter crews on equipment positioning at the tactical site using maps, aerial photos, sketches, or other aids.

.12 ____ Divides and items into manageable lifts for expeditious movement to the site with emphasis on the equipment necessary for initial operational capability.

.13 ____ Provides representation at all aviation mission briefings involving unit movement.

.14 ____ Reports to FSSG when operationally ready.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: NONE.

TASK: 6A.3.5 PREPARE UNIT FOR EMBARKATION

CONDITION(S): Elements have received initial guidance to begin preparation for amphibious embarkation in support of continuing operations. The staff has initiated planning to accomplish this task.

STANDARDS: EVAL: Y; N; NE

.1 ____ Prepares and submits equipment density lists to the CSSE.

.2 ____ Provides representation to all predeployment planning meetings.

.3 ____ Develops load plans in concert with planning guidance.

.4 ____ Prepares equipment for amphibious embarkation as specified in local regulations.

.5 ____ Stages equipment at port of embarkation.

.6 ____ Provides augmentation personnel organized into teams to assist with loading/unloading.

.7 ____ Provides fording gear and dunnage.

.8 ____ Identifies hazardous cargo/equipment per applicable regulations.

.9 ____ Loads hazardous cargo/equipment per applicable regulations.

.10 ____ Prioritizes equipment load plans to ensure early initial operational capability upon arrival at destination.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6A.4 COMBAT SERVICE SUPPORT OPERATIONS

TASK: 6A. 4.1 OPERATE A COMBAT SERVICE SUPPORT OPERATIONS CENTER (CSSOC)

CONDITION(S): The MEF is conducting tactical operations ashore against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG is transitioning ashore and is providing CSS.

STANDARDS: EVAL: Y; N; NE

.1 ____ Operates CSSOC in accordance with an SOP.

.2 ____ Staffs the CSSOC to ensure each commodity section is represented.

.3 ____ Establishes operations/coordination centers at each CSS detachment commend element, as appropriate.

.4 ____ Monitors CSS operations on a 24 hour basis.

.5 ____ Demonstrates the ability to handle CSS functions, both routine and emergency, in a timely and responsive manner.

.6 ____ Monitors requests from all elements of the MEF, ensuring the requests are received and processed by the proper supporting CSS unit.

.7 ____ CSSOC coordinates and documents FSSG G-4 requirements within the FCSSA.

.8 ____ CSSOC prioritizes requirements for critical supplies end equipment for internal support (FSSG) and coordinates external support (supported units).

.9 ____ Validate:, on a daily basis, preplanned support requests with both commodity and supported unit representatives.

.10 ____ Maintains current asset status information and maintains information on parts requirements.

.11 ____ Coordinates requests for maintenance support teams (MST) and monitors the requests to ensure support is provided after taskings have been issued.

.12 ____ Coordinates BSA/FCSSA defensive operations to include rear area security (RAS) and internal security operations.

.13 ____ Receives daily forecasts for classes I, III, IV, and V stocks from subordinate elements, and maintains an accurate stock level.

.14 ____ Summits detailed CSS assault support requests (ASR’s) or other requests for air support in a timely manner.

.15 ____ Schedules and coordinates the movement of supplies, personnel, and equipment.

.16 ____ Reviews, revises, and updates CSS plans to facilitate future operations.

.17 ____ Maintains updated situation map of friendly/enemy disposition in the AOA.

.18 ____ Includes reports/control procedures in SOP or operations order.

.19 ____ Maintains written verification of all CSS requested and provided.

.20 ____ Provides required estimates to the FSSG commend element.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6A.4.2 DISPLACEMENT OF TEE COMBAT SERVICE SUPPORT OPERATIONS CENTER (CSSOC)

CONDITION(S): The MEF is conducting tactical operations ashore against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG is transitioning ashore and is providing CSS. The MEF has penetrated deeper into enemy territory and is continuing to distance itself from the FSSG. The FSSG commander has determined for a variety of reasons that the present location of the operations center is inadequate.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines the new location of the CSSOC. (KI)

.2 ____ Controls the movement and coordinates security of CSS personnel and assets.

.3 ____ Maintains continuous communications.

.4 ____ Maintains continuous security.

.5 ____ Maintains the ability to provide the necessary level of CSS without disruption to supported units.

.6 ____ Coordinates the displacement between all elements of the MEF.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

LOCATION OF THE CSS OPERATIONS CENTER

The new location of the CSSOC should be based on the following:

1. Map study.
2. Physical reconnaissance.
3. Location of the supported units.
4. Enemy situation.
5. Planned tactical operations.

6A.3.3

TASK: 6A.4.3 PLAN FOR FCSSA DEFENSE

CONDITION(S): The MEF has been tasked to support an expedition involving a potential threat from aircraft, airborne assault, armor, unconventional warfare, and terrorist attacks. The civilian population, while largely pro U.S., has been sympathetic to some of the enemy propaganda. The FSSG has begun detailed planning. Units of the FSSG will establish themselves ashore. The commend element of the MEF is responsible for rear area security (RAS). The FSSG commander has been delegated the authority for the planning and execution of the RAS effort for the FCSSA.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines which elements are displacing ashore, the numbers of troops, equipment and supplies involved, and the area required to establish the FCSSA.

.2 ____ Requests updates on friendly and enemy situation intelligence.

.3 ____ Requests information on the status and location of the civilian population in the FCSSA.

.4 ____ Arranges for a reconnaissance of the area, the situation permitting.

.5 ____ Conducts a map reconnaissance to identify possible locations for CSS units using maps, aerial photography, or other special topographic products.

.6 ____ Reviews rules of engagement to ensure familiarity and to gauge their effects on friendly forces.

.7 ____ Plans communications for defensive operations; i.e., emphasizes wire and messenger and plans for tactical placement of remote antennas.

.8 ____ Identifies the types and numbers of organic weapons available, and their concept of employment.

.9 ____ Verifies the planned location of all FSSG units and facilities to be established ashore, and identifies defensive requirements.

.10 ____ Conducts a terrain analysis based on KOCOA to assist in identifying defensive requirements.

.11 ____ Ensures active and passive defense measures including dispersal, camouflage and concealment, hardened positions, and barriers are integrated into the FSSG defense plan.

.12 ____ Considers the use of deceptive measures such 55 dummy positions, concealed cargo, and disinformation.

.13 ____ Ensures planned positions are mutually supporting, if possible, and have adequate fire support on call.

.14 ____ Plans local security measures which provide for early warning of enemy activity; i.e., listening posts, observation posts, and security patrols supported by indirect fire.

.15 ____ Integrates rear area defense with the MEF.

.16 ____ Requests anti-armor, artillery/indirect fire weapons, and air defense assets/support from the MEF to cover avenues of approach that remain uncovered.

.17 ____ Coordinates with the MEF, ACE, and LAAD platoon commander, positioning of LAAD assets in depth to include alternate and supplementary positions within those areas occupied by the FSSG.

.18 ____ Maintains a dedicated security reaction force, and procedures to train, alert, and employ them, to include use of supporting arms.

.19 ____ Submits a list of targets to fire support coordination agencies.

.20 ____ Trains all NCO’s to enable them to request and adjust fires.

.21 ____ Plans maximum use of surveillance and remote sensor systems in order to detect enemy movement.

.22 ____ Ensures CSS SOP adequately covers defensive planning and control.

.23 ____ Plans procedures to control movement of civilians and military personnel throughout the rear area.

.24 ____ Develops contingency plans to react to emergencies involving the security of isolated CSS units and mass casualties.

.25 ____ Ensures preplanned fires cover avenues of approach and dead spaces not covered by crew served weapons.

.26 ____ Ensures flank and rearward security measures and their impact on FSSG installations are addressed in security plans.

.27 ____ Ensures FSSG barrier plan with overlays is forwarded to the MEF for approval/integration into the MEF barrier, denial, and fire support plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6A.4.4 CONDUCT LOCAL SECURITY

CONDITION(S): The FSSG has established an FCSSA ashore. The beach area is still inhabited, and small unit enemy forces are known to still be operating in the rear area. The enemy has direct and indirect fire weapons capabilities, both fixed and rotary-wing aircraft, and EW capabilities. The FSSG has supporting arms in general support. There are no infantry units attached. Each activity not otherwise secured by a larger element is left to secure its own area.

STANDARDS: EVAL: Y; N; NE

.1 ____ Develops and coordinates with the supported unit commander, a shop or local area defense plan as well as a perimeter defense plan, through the use of overlapping fire and coverage of avenues of approach by crew served and indirect fire weapons.

.2 ____ Coordinates site security (listening posts, observation posts, and patrols) with the Tactical Security Officer (TSO) and site commander.

.3 ____ Ensures proper placement of crew served weapons. (KI)

.4 ____ Establishes local security; i.e., listening/observation posts, security and ambush patrols to prevent surprise attack and infiltration.

.5 ____ Consider. active and passive OPSEC measures to provide greater security.

.6 ____ Positions units, when possible, to allow for their mutual support, emphasizing coordinated surveillance exchange of information, coordinated fires, and final protective fires.

.7 ____ Selects and prepares primary and supplementary defensive positions for squads.

.8 ____ Plans defense in-depth through the use of supplementary squad positions and alternate positions for crew served weapons, and preplanned fires into threatened areas.

.9 ____ Employs a series of natural and man made obstacles to restrict, delay, block, or stop the movement of enemy forces.

.10 ____ Prepares fire plan sketch in duplicate, one remaining with squad leader and one given to unit leader. (see Task 6A.4.5 Prepare a Defensive Fireplan and Sketch)

.11 ____ Coordinates a detailed fire plan, considering the fires of organic weapons, support from infantry mortars, artillery, NGF, and air.

.12 ____ Ensures plan provides for flexibility by designing and training a reaction force and centralizing control over available supporting arms.

.13 ____ Prepares range cards to include target and firing data to allow for the engagement of targets during periods of limited visibility.

.14 ____ Maintains dispersion of elements and individuals throughout the operation to avoid excessive casualties.

.15 ____ Ensures FSSG personnel and activities remain camouflaged to the maximum extent possible.

.16 ____ Makes maximum use of surveillance and tactical remote sensor devices, if available, to detect enemy movement.

.17 ____ Ensures critical signal. are planned and understood by all Marines.

.18 ____ Uses available time effectively in the planning and preparation of defensive positions.

.19 ____ Ensures patrols are not conducted in repetitive or stereotyped patterns.

.20 ____ Ensures security elements report departure and return in accordance with established procedures.

.21 ____ Conducts a day and night rehearsal of the reaction force.

.22 ____ Ensures wire communications are established where and when possible.

.23 ____ Ensures communication equipment is dispersed to reduce vulnerability (i.e., remote antennas).

.24 ____ Disseminate. combat information acquired by security elements throughout the unit and, as required, to higher command elements.

.25 ____ Ensures any intelligence provided is disseminated throughout the unit.

.26 ____ Requests and plans for the use of illumination munitions.

.27 ____ Prepares obstacle and barrier plan to include the use of wire obstacles, mines, roadblocks, and demolitions; complete with gaps and lanes.

.26 ____ Prepares all required reports and records for employment of mines and demolitions.

.29 ____ Summits completed forms to proper employment approving authority.

.30 ____ Coordinates entire plan with higher, adjacent, and supporting elements.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

PLACEMENT OF CREW SERVED WEAPONS

Placement of crew served weapons should take all of the following into account:

1. Assigned sector of fire and FPL.
2. Covered and concealed position.
3. Cover most likely dismounted enemy avenue of approach.
4. When possible, positioned as MG squads to fire FPL.
5. Allows maximum use of flanking, interlocking, and grazing fire and minimum dead space.
6. Alternate and supplementary positions and routes selected, prepared, and rehearsed during day and night.
7. Lateral movement (traverse) limiter stakes employed for MG squads to reduce the possibilities of friendly casualties.
8. Proper range card prepared for each MG that includes MG position, PDF or FPL, sector, limits, magnetic azimuth of gun and 6 digit coordinates of areas of grazing fires, dead space, and specific targets. Date recorded must include a list of specific targets and descriptions, target number and direction in mile will be prepared in duplicate giving gun number unit description, and date.

TASK: 6A.4.5 PREPARE A DEFENSIVE FIRE PLAN AND SKETCH

CONDITION(S): The FSSG has occupied the FCSSA and has begun to establish local defensive positions.

STANDARDS: EVAL: Y; N; NE

.1 ____ Prepares fire team fighting positions.

.2 ____ Positions and provides principal direction of fire (PDF) for automatic weapons (M249 SAW and designated automatic rifles).

.3 ____ Publishes leaders positions.

.4 ____ Positions and assigns PDF/FPL of crew served weapons.

.5 ____ Assigns sectors of fire.

.6 ____ Identifies indirect fire targets.

.7 ____ Prepares barriers and obstacles.

.8 ____ Illustrates all the above on fire plan sketches. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

FIRE PLAN SKETCH

1. Oriented with a magnetic north symbol
2. Annotated with distances to known targets.
3. Depicts terrain features essential to defense area.
4. Ensures diagram is to prescribed scale, and all locations and directions are within usable tolerances (approximately 10 meters or mils).
5. Locations for all crew served weapons and antitank weapons are depicted.
6. Preplanned fires for each avenue of approach are depicted for rapid identification.
7. Local reaction force assembly point is depicted.

TASK: 6A.4.6 DISPLACE THE FSSG

CONDITION(S): The FSSG is in place and supporting the combat operations of the MEF. By D+40 the lines of communication and logistics have become extended to a point requiring displacement forward. The FSSG commander is directed to displace to a designated forward location by the MEF commander.

STANDARDS: EVAL: Y; N; NE

.1 ____ Displacement plan provides for continuous, full-range combat service support to MEF units during the displacement.

.2 ____ Displacement plan provides for continuous communications within the FSSG, and with all supported units during the displacement.

.3 ____ Displacement plan provides for adequate security of the FSSG against air, ground, and NBC attack during displacement.

.4 ____ Plan delineates specific command and control procedures to be utilized during displacement.

.5 ____ Plan provides for coordination with external/interservice agencies as required throughout the displacement.

.6 ____ H&S Co CO, Ops O, and CEO conduct reconnaissance of displacement location, if feasible, and/or map/photo recon and make recommendations on the new location.

.7 ____ Displacement is coordinated with all elements of the MEF.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SECTION 6B

SUPPLY AND MAINTENANCE SUPPORT OPERATIONS

ENCLOSURE (1)

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SUPPLY AND MAINTENANCE SUPPORT

INTRODUCTION:

STANDARDS APPLICABLE TO SUPPLY SUPPORT OPERATIONS

The first MPS contains the tasks far FSSG units involved in providing supply support to elements of the MEF. The tasks and standards were designed to cause the FSSG to consider all aspects of supply operations to include the integration and coordination of their efforts, to ensure resupply related limitations on support are minimized, and that the MEF forces are supported as planned and as necessary.

STANDARDS APPLICABLE TO MAINTENANCE SUPPORT OPERATIONS

The second MPS contains the tasks for FSSG unite involved in providing maintenance support to elements of the MEF. The tasks and standards were designed to cause the FSSG to consider all aspects of maintenance operations to ensure the MEF forces are supported as planned and as necessary.

6B.1 SUPPLY SUPPORT OPERATIONS

TASK: 6B.1.1 PLAN SUPPLY SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun supply support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates with the MEF G-4 personnel to identify anticipated equipment types and densities to be supported.

.2 ____ Determines material handling equipment (MHE) requirements in support of supply operations.

.3 ____ Develops supply plans to allow for the most efficient use of supply assets based on procedures contained in the FSSG SOP.

.4 ____ Provides supply information to be included in the FSSG operation order/plan.

.5 ____ Manages supply support to include the following stock control functions:

.6 ____ Plans for management of the MEF’s special allowance training pool items, as required.

.7 ____ Plans for management of initial issue and provisioning assets, as required.

.8 ____ Plans for management of the MEF’s secondary repairables through the maintenance float.

.9 ____ Plans for technical management, data research, customer service, and general assistance to the MEF for supply matters.

.10 ____ Plans for supply status management reports for the MEF, as required.

.11 ____ Plans for interface for the MEF with financial and maintenance management systems.

.12 ____ Plans for the accounting of Classes I, II, IV, VII, VIII, and IX supplies, initial issue provisioning assets, and authorized levels of war reserves.

.13 ____ Plans for subsistence support to include the operation of Class I subsistence dumps, and the storage, issue, and accounting of subsistence items.

.14 ____ Plans for the receipt, storage, and forwarding of Class III (POL) packaged supplies.

.15 ____ Plans for the receipt, storage, issue, and accounting of Class V (ammunition) items (to include nuclear ordnance).

.16 ____ Plans for the receipt, storage, and issue of Class VIII (medical/dental) supplies and equipment.

.17 ____ Plans for 1st through 4th echelon maintenance of Class VIII supplies and equipment.

.18 ____ Coordinates with maintenance personnel to validate and approve the class IX block(s). to include secondary repairables.

.19 ____ Plans for packing, preservation, and packaging (PP&P) services.

.20 ____ Plans for contracting support.

.21 ____ Plans for intermediate level shop stores issue points for the MEF.

.22 ____ Plans for procurement services for the MEF for items decentralized by the integrated material manager.

.23 ____ Develops salvage procedures.

.24 ____ Plans for and coordinates with FSSG staff concerning proposed location of supply dumps ashore, and ensures planned storage is in accordance with the MCO P4450.7, and other applicable directives.

.25 ____ Coordinates with the MEF supply officer to ensure supported units summit all supply requests to the FSSG, even if they have access to direct sources outside of the MEF.

.26 ____ Coordinates resupply procedures with the supported units and the FSSG G-4, to include force feeding supplies to units when required.

.27 ____ Requests transportation support for the movement of supplies ashore and inland.

.28 ____ Identifies any special environmental and physical protection requirements for all classes of supplies.

.29 ____ Plans/prepares supplies for embarkation. (see Task: 6C.7.1 Plan/Prepare For Embarkation).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.1.2 PROVIDE SUPPLY SUPPORT

CONDITION(S): The MEF is conducting operations ashore. Units of the FSSG have landed and the supply battalion is establishing supply facilities.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts operations in accordance with the FSSG SOP.

.2 ____ Demonstrates the ability to operate on a 24 hour basis.

.3 ____ Establishes supply dumps and warehouse facilities ashore, to include site preparation, routes of ingress/egress, security, and personnel access,

.4 ____ Monitors status of level of supplies located in dumps and remaining on ships.

.5 ____ Maintains dump levels at the prescribed quantities.

.6 ____ Maintains emergency supply stocks in a separate location.

.7 ____ Maintains a field warehousing location system.

.8 ____ Protects supplies in dumps from the environment.

.9 ____ Provides technical management, data research, customer service, and general assistance to the MEF for supply matters, (see Task: 6B.1.4 Provide Technical Supply Support).

.10 ____ Accounts for Class I, II, IV, VII, VIII, and IX supplies, initial issue provisioning assets, and authorized levels of war reserves.

.11 ____ Operates Class I subsistence dumps, and stores and issues subsistence items.

.12 ____ Receives, stores, and forwards Class III (POL) packaged supplies to elements of the MEF.

.13 ____ Receives, store, issues, and accounts for Class V (ammunition) items, (see Tasks: 6B,1,6 Provide Class V Supply Support and6B,1,7 Provide Class V Nuclear Ordnance Supply Support).

.14 ____ Receives, stores, and issues Class VIII (medical/dental) supplies and equipment. (See Task: 6B.1.3 Provide Class VIII Supply/Maintenance Support).

.15 ____ Provides 1st through 4th echelon maintenance of Class VIII supplies and equipment, (see Task: 6B.1.3 Provide Class VIII Supply/Maintenance Support).

.16 ____ Provides medium bin and bulk storage of identified general account operating stocks.

.17 ____ Receives, stores, and issues general account operating stock.

.18 ____ Operates maintenance float. (see Task 6B.1.5 Provide Secondary Repairable (SECREP) Support).

.19 ____ Provides packing, preservation, and packaging (PP&P) services, as required.

.20 ____ Provides contracting support to the MEF.

.21 ____ Provides intermediate Level shop stores issue points for the MEF.

.22 ____ Provides procurement services for the MEF for items decentralized by the integrated material, manager.

.23 ____ Performs salvage functions for the MEF as required.

.24 ____ Ensures that a minimum of 85 percent of all critical demands for RD items are filled within 72 hours of rapid request receipt.

.25 ____ Prepares follow on supply requests to logistics support agencies and facilities outside the FCSSA based on guidance contained in the operation order and the applicable Operation Plans for that area/scenario.

.26 ____ Internally routes supply documents in accordance with the FSSG SOP and allows for the accounting of all transactions.

.27 ____ Inspects palletized supplies for breakage, pilferage, and infestation.

.28 ____ Loads supplies on transportation for delivery to supported units.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.1.3 PROVIDE CLASS VIII SUPPLY/MAINTENANCE SUPPORT

CONDITION(S): The MEF is conducting operations ashore, Supply battalion has established supply facilities within the FCSSA. Medical logistics company is providing Class VIII supply/maintenance support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes storage areas for those class VIII medical and dental supplies requiring special storage and distribution.

.2 ____ Safeguards drugs and controlled substances against Loss, pilferage, and damage according to SOP.

.3 ____ Receives, stores, and issues Class VIII supplies in accordance with the MEF authorized medical/dental allowance List (AMAL/ADAL).

.4 ____ Adheres to priorities for issue of class VIII supplies established by LF medical and dental officers.

.5 ____ Builds emergency blocks of class VIII supplies to be Lifted into mass casualty areas, as directed.

.6 ____ Maintains an accurate and up-to-date status of stocking Levels.

.7 ____ Performs 1st through 4th echelon maintenance on medical/dental equipment.

.8 ____ Disposes of expired drugs and medical supplies in the prescribed manner according to the Navy Manual of the Medical Department.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: NONE.

TASK: 6B.1.4 PROVIDE TECHNICAL SUPPLY SUPPORT

CONDITION(S): The FSSG has established supply facilities ashore and is operating an SMU.

STANDARDS: EVAL: Y; N; NE

.1 ____ Runs SASSY cycles, as required, by the Operation Plan.

.2 ____ Receives and distributes SASSY output, as required.

.3 ____ Processes and reintroduces edit exceptions, as required.

.4 ____ Establishes and maintains a reconciliation schedule for all units supported by the FSSG.

.5 ____ Reconciles MIMMS to SASSY with maintenance personnel to ensure agreement between the two systems.

.6 ____ Plans for backup supply data information system in the event of automated information system (AIS) failure.

.7 ____ Reconciles requisitions (EROSL's, rapid requests, etc.) from supported units with the SASSY demands list, the maintenance element, and supported units.

EVALUATOR INSTRUCTIONS: The SMU function will operate per UM 4400-123, UM 4400-124, the operation order, and FSSG SOP.

KEY INDICATORS: None.

TASK: 6B.1.5 PROVIDE SECONDARY REPAIRABLE (SECREP) SUPPORT

CONDITION(S): The FSSG has established supply facilities ashore and is managing a maintenance float.

STANDARDS: EVAL: Y; N; NE

.1 ____ Provides inventory management of SECREP block items.

.2 ____ Provides all required secondary depot repairable items (recoverability codes D and L) and those secondary nondepot repairables (recoverability codes F, H, and O) as established by the MEF commander.

.3 ____ Prepares necessary documentation for the receipt of unserviceable items, repair, and reissue of serviceable items.

.4 ____ Ensures inspection is performed by maintenance, as required, prior to acceptance of unserviceable asset for exchange.

.5 ____ Coordinates on a periodic basis with supported units and maintenance activities to reconcile outstanding secondary repairable requirements.

EVALUATOR INSTRUCTIONS: Supply units will operate per UM 4400-123, the operation order, and FSSG SOP,

KEY INDICATORS: None.

TASK: 6B.1.6 PROVIDE CLASS V SUPPLY SUPPORT

CONDITION(S): The MEF is conducting operations ashore, Supply battalion has established supply facilities within the FCSSA. Ammunition company is providing Class V supply support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains current FSSG SOP.

.2 ____ Ensures ammunition supply points are located in revetments and clearly marked IAW FSSG SOP and TM.

.3 ____ Ensures ammunition supply point security is adequate.

.4 ____ Ensures security personnel are trained, Fam-fired and qualified with the weapons they are armed with per MCO.

.5 ____ Ensures security ammunition is stored and maintained separately.

.6 ____ Receives, inventories, and separates ammunition by DODIC and lot number, IAW UM 4400-124.

.7 ____ Ensures Security Risk Category (SRC) I ammunition is stored, maintained and secured IAW UM 4400-124.

.8 ____ Ensures Grade III munitions are stored and maintained separately.

.9 ____ Ensures inventory accounts and stock status records are maintained IAW UM 4400-124.

.10 ____ Maintains documentation/records IAW UM 4400-124.

.11 ____ Monitors, verifies, and records condition codes per appropriate Notice of Ammunition Reclassification (NAR’s) and regulations.

.12 ____ Conducts issues and receipts IAW regulations and local SOP.

.13 ____ Ensures compatibility requirements are met IAW TM’s.

.14 ____ Ensures gross explosives weight does not exceed safety limits within FSU’s/MODULE’s IAW TM.

.15 ____ Ensures quantity distance measurements are being met IAW TM.

.16 ____ Ensures adequate bivouac area distance from field ammunition supply point (FASP) IAW TM and PM.

.17 ____ Ensures vehicles are inspected prior to transporting ammunition.

.18 ____ Demonstrates the ability to operate on a 24 hour basis.

.19 ____ Provides technical assistance teams for the receipt, storage, assembly, and forwarding of nuclear ordnance to elements of the MEF. (see Task: 6B.1.7 Provide Class V Nuclear Ordnance Supply Support).

.20 ____ Ensures FASP maintains adequate fire fighting assets (equipment, rakes, shovels, fire barrels w/buckets, etc).

.21 ____ Ensures FASP has one-way traffic route (where feasible and terrain permitting).

.22 ____ Ensures FASP possesses adequate dunnage to prevent ammunition from direct contact with sand, soil, and mud.

.23 ____ Ensures security personnel have two means of communication.

.24 ____ Ensures all security personnel are aware of the proper use of Duress Codes, and that use of Duress Codes is included in the FSSG SOP.

EVALUATOR INSTRUCTIONS: Evaluator reviews establishment of class V dumps against guidance furnished in the concept of CSS.

KEY INDICATORS: None.

TASK: 6B.1.7 PROVIDE CLASS V NUCLEAR ORDNANCE SUPPLY SUPPORT

CONDITION(S): The MEF is conducting operations ashore, Supply battalion has established supply facilities within the FCSSA. Ammunition company is providing Class V supply support to the MEF and has established and is operating a special ammunition supply point (SASP).

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains inspection record cards (IRC'S).

.2 ____ Maintains nuclear ordnance record cards (NORC's),

.3 ____ Maintains special weapons ordnance publications (SWOP's).

.4 ____ Prepares weapons status report (WSR).

.5 ____ Prepares nuclear weapons unsatisfactory report/information report (UR/lR).

.6 ____ Maintains security of the special ammunition supply point (SASP) and classified material.

.7 ____ Conducts emergency destruction of artillery fired, atomic projectile (AFAP), and associated equipment/classified material.

.8 ____ Conducts command disablement for M753 and XM785 weapons.

.9 ____ Supervises activities at a nuclear accident/incident site.

.10 ____ Maintains command and control procedures for sealed authentication system (SAS)/emergency action procedure (EAP).

.11 ____ Provides technical assistance for tactical movement of AFAP.

.12 ____ Receipts and issues AFAP.

.13 ____ Conducts tiedown procedures for AFAP.

.14 ____ Maintains accountability of special source nuclear materiel.

.15 ____ Provides technical assistance to nuclear capable units.

.16 ____ Conducts inspection and test of common tools, special tools, and test and handling equipment.

.17 ____ Conducts intermediate maintenance on AFAP systems.

.18 ____ Conducts retrofits or modifications for AFAP systems.

.19 ____ Conducts permissive action link (PAL) unlocking/locking procedures for AFAP.

.20 ____ Conducts complete assembly for strike (CAS) operations for AFAP.

.21 ____ Conducts change fire procedures for AFAP.

.22 ____ Conducts cancel fire/disarming procedures for AFAP.

.23 ____ Conducts extraction procedures for AFAP.

.24 ____ Ensures all security personnel are aware of the proper use of Duress Codes, and that use of Duress Codes is included in the FSSG SOP.

EVALUATOR INSTRUCTIONS:

KEY INDICATORS: None.

6B.2 MAINTENANCE SUPPORT OPERATIONS

TASK: 6B.2.1 PLAN MAINTENANCE SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun maintenance support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates with the MEF G-4 personnel to identify anticipated equipment types and densities to be supported ashore.

.2 ____ Develops maintenance plans to allow for the most efficient use of maintenance assets based on procedures contained in the FSSG SOP.

.3 ____ Provides maintenance information to be included in the FSSG operations order/plan.

.4 ____ Plans and coordinates with G-4 for additional lift beyond organic capabilities.

.5 ____ Plans and coordinates with G-4 for non-organic communications equipment requirements.

.6 ____ Plans for 3d echelon maintenance on and items by means of component/subassembly replacement or repair.

.7 ____ Plans for 4th echelon maintenance in support of the secondary repairable program, to include repairing and rebuilding components and subassemblies of and items.

.8 ____ Plans for 2d through 4th echelon maintenance on and items in prepositioned war reserve and the operational readiness float (ORF).

.9 ____ Plans for technical assistance and overflow 2d echelon maintenance for supported units, as required.

.10 ____ Plans for management of the ORF and cryptographic exchange pool.

.11 ____ Plans for intermediate maintenance and modification applications on in-stock equipment.

.12 ____ Plans for calibration services for electronic and mechanical test, measurement, and diagnostic equipment.

.13 ____ Plans for technical inspection services, as required, in support of equipment maintenance programs of the MEF.

.14 ____ Plans for tracked vehicle evacuation.

.15 ____ Develops concept for maintenance support teams to include provisions for team organization, security, communications, transportation, tools and equipment, and repair parts.

.16 ____ Coordinates with supply personnel to validate and approve repair parts block.

.17 ____ Identifies continuing supply requirements to ensure the ready availability of repair parts.

.18 ____ Identifies and summits consumable supply requirements.

.19 ____ Coordinates with supply battalion for secondary repairable requirements.

.20 ____ Identifies and summits the MEF ORF requirements recommendation to the MEF commander.

.21 ____ Coordinates the availability of work and shop spaces to be used aboard ATF ships, if available.

.22 ____ Coordinates maintenance support procedures with all elements of the MEF.

.23 ____ Plans for manual/backup supply/maintenance data information system in the event of automated information system (AIS) failure.

.24 ____ Develops a communication plan to maintain communications with maintenance support teams, and requisitioning parts over communications systems utilizing minimum transmission time via brevity codes (rapid request format).

.25 ____ Plans for the locations of maintenance facilities, ORF, and equipment collection points ashore; and the requirements for shelter, physical security, and concealment.

.26 ____ Develops procedures for retrograde of unserviceable equipment.

.27 ____ Develops evacuation procedures using the "time to repair" criteria.

.28 ____ Develops procedures for the handling of captured enemy equipment.

.29 ____ Develops procedures for equipment destruction.

.30 ____ Plans the movement of repair parts ashore.

.31 ____ Assists in the development of procedures for the evacuation or destruction of unserviceable equipment.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.2 PROVIDE MAINTENANCE SUPPORT

CONDITION(S): The MEF is conducting operations ashore. Units of the FSSG have landed and the maintenance battalion is establishing repair facilities.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts maintenance operations in accordance with the FSSG SOP.

.2 ____ Ensures that the priority of maintenance effort is reviewed for all commodity areas, and considering the tactical situation, recommends changes to the commander.

.3 ____ Demonstrates the ability to function on a 24 hour basis, with special emphasis on maintaining reasonable and limited light and noise discipline during night operation, commensurate with the relative location of the maintenance site to the FEBA.

.4 ____ Provides maintenance support as near the supported unit as possible, and establishes maintenance facilities according to SOP, the commander’s priority of installation, and the tactical situation.

.5 ____ Provides maintenance support teams to effect on-site repairs within their capabilities. (see Task: 6B.2.3 Provide Maintenance Support Team Support).

.6 ____ Ensures maintenance facilities provide for efficient workflow, economic use of equipment, trafficability, safety to personnel, and reflect the tactical situation.

.7 ____ Maintains current data on all maintenance assets and facilities.

.8 ____ Establishes procedures for the security of weapons, tools, and equipment.

.9 ____ Establishes fire fighting and shop safety procedures for maintenance personnel.

.10 ____ Provides 3d echelon maintenance on and items by means of component/subassembly replacement or repair.

.11 ____ Provides 4th echelon maintenance in support of the secondary repairable program, to include repairing and rebuilding components and subassemblies of and items.

.12 ____ Provides 2d through 4th echelon maintenance on and items in prepositioned war reserve and the operational readiness float (ORF).

.13 ____ Provides technical assistance and overflow 2d echelon maintenance for supported units, as required.

.14 ____ Manages the ORF and cryptographic exchange pool.

.15 ____ Provides intermediate maintenance and modification applications on in-stock equipment.

.16 ____ Provides calibration services for electronic and mechanical test, measurement, and diagnostic equipment.

.17 ____ Provides technical inspection services, as required, in support of equipment maintenance programs of the MEF

.18 ____ Provides tracked vehicle evacuation.

.19 ____ Coordinates salvage of repair parts with the FSSG commander.

.20 ____ Prepares documentation to ensure maintenance efforts are correctly entered into the appropriate maintenance records as allowed by the tactical situation.

.21 ____ Conducts automated information transactions as necessary, or converts to manual system as situation dictates.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.3 PROVIDE MAINTENANCE SUPPORT TEAM SUPPORT

CONDITION(S): The MEF is conducting operations ashore. Elements of the FSSG have landed and are establishing an FCSSA. Maintenance battalion has been tasked to provide maintenance support team support to all elements of the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Organizes to provide maintenance teams to all elements of the MEF per the operations plan.

.2 ____ Deploys maintenance support teams with strip maps, appropriate security, communications, qualified personnel, tools, equipment and repair parts.

.3 ____ Demonstrates the ability to conduct an on-site analysis of damaged equipment to determine whether or not it can be repaired on site, needs to be evacuated, or marked for destruction.

.4 ____ Analyzes equipment condition on site and demonstrates the ability to isolate the fault, request repair parts, make necessary repairs, coordinate the recovery or salvage of equipment, and complete appropriate maintenance/ supply documentation.

.5 ____ Demonstrates the ability to operate on a 24 hour basis under tactical conditions, with special emphasis on maintaining Light and noise discipline during night operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.4 CONDUCT ORDNANCE MAINTENANCE

CONDITION(S): The MEF is conducting operations ashore. Maintenance battalion has established repair facilities within the FCSSA. Ordnance maintenance company is providing ordnance maintenance support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Possesses and operates by an SOP for internal and external ordnance maintenance operations.

.2 ____ Provides 3d and4th echelon maintenance support for all Marine Corps furnished ordnance equipment of the MEF.

.3 ____ Provides task-oriented maintenance support teams to effect on-site repairs of MEF equipment, as feasible, to include tracked vehicle evacuation.

.4 ____ Provides and item maintenance at established repair facilities when maintenance requirements exceed the capability of maintenance support teams to effect repairs.

.5 ____ Provides technical assistance and overflow organizational maintenance for supported units, as directed by the FSSG.

.6 ____ Provides required maintenance on stored ordnance equipment prior to use.

.7 ____ Provides technical inspection services in support of the MEF commander’ s equipment maintenance programs.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.5 CONDUCT ENGINEER MAINTENANCE

CONDITION(S): The MEF is conducting operations ashore, Maintenance battalion has established repair facilities within the FCSSA. Engineer maintenance company is providing engineer maintenance support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Possesses and operates according to an SOP for internal and external engineer maintenance operations.

.2 ____ Provides 3d and 4th echelon maintenance support for all Marine Corps engineering equipment of the MEF.

.3 ____ Provides task oriented maintenance support teams to effect on-sit. repairs of MEF equipment, as feasible, to include Marine Corps engineering equipment of an MPF.

.4 ____ Provides and item maintenance at established repair facilities when maintenance requirements exceed the capability of maintenance support teams to effect repairs.

.5 ____ Provides technical assistance and overflow organizational maintenance for supported units, as directed by the FSSG.

.6 ____ Provides required maintenance on stored engineering equipment prior to use.

.7 ____ Provides technical inspection services in support of the MEF commander’s equipment maintenance programs.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.6 CONDUCT COMMUNICATIONS-ELECTRONICS MAINTENANCE

CONDITION(S): The MEF is conducting operations ashore. Maintenance battalion has established repair facilities within the FCSSA. Electronics maintenance company is providing ground communications-electronics maintenance support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Possesses and operates according to an SOP for internal and external communications-electronics maintenance.

.2 ____ Provides 3d and 4th echelon maintenance support for all Marine Corps furnished ground communications-electronics equipment of the MEF.

.3 ____ Provides task oriented maintenance support teams to effect on-site repairs of MEF ground communications-electronics equipment, as feasible.

.4 ____ Provides and item maintenance at established repair facilities when maintenance requirements exceed the capability of maintenance support teams to effect repairs.

.5 ____ Provides a rebuild capability for ground communications-electronic equipment of the MEF.

.6 ____ Provides calibration services for test and measurement equipment organic to the MEF.

.7 ____ Provides technical assistance and overflow organizational maintenance for supported units, as directed by the FSSG.

.8 ____ Provides technical assistance on stored communications-electronics equipment prior to use.

.9 ____ Provides technical inspection services in support of the MEF commander’s equipment maintenance programs.

.10 ____ Provides office machine repair support within capabilities.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.7 CONDUCT MOTOR TRANSPORT MAINTENANCE

CONDITION(S): The MEF is conducting operations ashore, Maintenance battalion has established repair facilities within the FCSSA. Motor transport maintenance company is providing motor transport maintenance support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Possesses and operates according to an SOP for internal and external communications-electronics maintenance.

.2 ____ Provide 3d and 4th echelon maintenance support for all Marine Corps furnished motor transport equipment of the MEF.

.3 ____ Provides task oriented maintenance support teams to effect on-site repairs of MEF motor transport equipment, as feasible.

.4 ____ Provides and item maintenance at established repair facilities when maintenance requirements exceed the capability of maintenance support teams to effect repairs.

.5 ____ Provides technical assistance and overflow organizational maintenance for supported units, as directed by the FSSG.

.6 ____ Provides required maintenance on stored motor transport equipment prior to use.

.7 ____ Provides technical inspection services in support of the MEF commander’s equipment maintenance programs.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6B.2.8 CONDUCT GENERAL SUPPORT MAINTENANCE (GSM)

CONDITION(S): The MEF is conducting operations ashore. Maintenance battalion has established repair facilities within the FCSSA. General support maintenance company is providing general support maintenance to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Operates according to an SOP for internal and external general support and operational readiness float (ORF).

.2 ____ Provides 3d and 4th echelon maintenance on secondary repairables from the secondary repairable float.

.3 ____ Provides 1st and 2d echelon maintenance on and items held in the ORF.

.4 ____ Provides 3d and 4th echelon maintenance on and items held in the ORF.

.5 ____ Provides 3d and 4th echelon body and fender maintenance.

.6 ____ Provides machine shop facilities for 3d and 4th echelon maintenance.

.7 ____ Maintains and operates the ORF.

.8 ____ Prepares in-stock items for issue.

EVALUATOR INSTRUCTIONS: General support maintenance does not include maintenance on communication-electronics equipment.

KEY INDICATORS: None.

SECTION 6C

TRANSPORTATION SUPPORT

ENCLOSURE (1)

TABLE OF CONTENTS

MPS 6C.6 - MOVEMENT CONTROL OPERATIONS

MPS 6C.7 - EMBARKATION OPERATIONS

INTRODUCTION:

This section contains seven FSSG interrelated MPS’s for transportation and movement operations for FSSG units involved in providing transportation and movement support to elements of the MEF. The MPS’s in this section are:

6C.1 MOTOR TRANSPORTATION AMPHIBIOUS OPERATIONS

6C.2 CONVOY OPERATIONS

6C.3 CONVOY DEFENSIVE TECHNIQUES

6C.4 MOTOR TRANSPORTATION OPERATIONS ASHORE

6C.5 LANDING SUPPORT OPERATIONS

6C.6 MOVEMENT CONTROL OPERATIONS

6C.7 EMBARKATION OPERATIONS

The tasks and standards contained in these MPS’s were designed to cause FSSG motor transport, landing support, traffic management, movement control, and embarkation personnel to consider all aspects of transportation and movement support. Important considerations include the integration and coordination of their efforts to ensure timely and responsive movement of personnel, equipment, and supplies in order to develop and maintain the required logistics support.

The tactical scenario may be such that all tasks are not planned to be, nor can be evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. It is anticipated that commanders will evaluate those areas during the course of subsequent training opportunities.

6C.1 MOTOR TRANSPORTATION AMPHIBIOUS OPERATIONS

TASK: 6C.1.1 MOTOR TRANSPORTATION PLANNING

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an amphibious operation against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun motor transport support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures motor transport battalion commander participates in all phases of transportation planning.

.2 ____ Analyzes the mission and available information to identify specific tasks with respect to METT-T and KOCOA.

.3 ____ Ensures SOP provides detailed guidance on MT considerations for amphibious operations.

.4 ____ Requests intelligence/information to determine beach trafficability, soil characteristics, weight bearing properties, beech gradients, and location of sand bars.

.5 ____ Requests maps, aerial imagery, and other special topographical products.

.6 ____ Provides staff input during the development of the logistics and the CSS estimates of supportability.

.7 ____ Makes recommendations on the employment of MT assets.

.8 ____ Determines, based on courses of action, overall MT support requirements and ensures effective use is made of the transport capability of the vehicles consistent with tactical considerations.

.9 ____ If already underway when the initiating directive is received, the staff coordinates the lending plan with the actual load of vehicles aboard.

.10 ____ Coordinates traffic circulation plan with the FSSG command element.

.11 ____ Prepares or provides information for the transportation portion of Annex D (Logistics/CSS).

.12 ____ Coordinates control of road nets with PMO and roadmasters.

.13 ____ Advises on the type of vehicles, if any, to land with the assault echelon.

.14 ____ Advises on the supplies or material to be mobile loaded in each vehicle for landing.

.15 ____ Employs centralized control measures to be employed ashore for the prioritized and efficient use of vehicles.

.16 ____ Identifies the fuel and lubricant requirements, by type, quantity, and climate conditions to support the vehicle fleet (consider weather conditions/average temperature and specific fluid weights, additives and fuel types).

.17 ____ Plans motor transport security to include cover and camouflage, when vehicles are not in use.

.18 ____ Establishes MT request procedures in the objective area, which will provide responsive and adequate motor transport support to the MEF ashore.

.19 ____ Ensures the efficient utilization of MT assets in support of base development and garrison forces, if such development is directed by the MEF.

.20 ____ Ensures coordination of communications requirements to ensure sufficient equipment. frequencies, and call signs are available.

.21 ____ Establishes a reports control system based on the SOP, that requires the submission of pertinent information only.

.22 ____ Identifies all special equipment requirements.

.23 ____ Plans for lifts of opportunity for medical evacuations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.1.2 MOVEMENT ENROUTE TO THE OBJECTIVE AREA

CONDITION(S): The MEF is enroute to the amphibious objective area (AOA).

STANDARDS: EVAL: Y; N; NE

.1 ____ Performs driver maintenance daily during movement.

.2 ____ Checks for fuel and oil leaks.

.3 ____ Checks vehicle waterproofing.

.4 ____ Inspects vehicle batteries.

.5 ____ Inspects tie down devices to see that vehicles are secured.

.6 ____ Inspects for deterioration due to dampness and seawater.

.7 ____ Inspects tires. (KI)

.8 ____ Ensures vehicle engines are started daily.

.9 ____ Schedules training for review of surf driving and cold/hot weather driving.

.10 ____ Inspects loads to guard against pilferage and to determine that lashing and fitting are properly secured.

.11 ____ Ensures ring mounts are fully functional and complete.

.12 ____ Establishes a schedule for vehicle preparation and inspection prior to movement ashore.

.13 ____ Installs items of special equipment required by operations plans; e.g., tire chains, ring mounts, shields, and fording gear,

.14 ____ Ensures crew served weapons are cleaned, inspected, and installed.

.15 ____ Ensures ammunition is allocated for crew served weapons.

.16 ____ Ensures equipment is properly prepared for embarkation.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TIRE PRESSURE

Reduces tire pressure on vehicles scheduled to land through the surf onto undeveloped beach areas by approximately 40 percent to increase their traction.

TASK: 6C.1.3 DEBARKATION IN AOA

CONDITION(S): The MEF has arrived in the AOA, and debarkation of the landing force is imminent.

STANDARDS: EVAL: Y; N; NE

.1 ____ Inspects drivers for designated gear.

.2 ____ Briefs drivers, prior to debarkation, on the situation and actions to take on the beach, surf conditions, and reminders of driving techniques to deal with the weather and operational situation.

.3 ____ Assigns a convoy commander to the lead vehicle to provide leadership on the beach. (KI)

.4 ____ Ensures communications assets are in vehicles and operational, and that procedures are published and rehearsed using call signs and frequencies.

.5 ____ Loads for debarkation according to the lending plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

CONVOY COMMANDER

A convoy commander, other then the motor transport commander, may be selected when the size of the security element, the complexity of security arrangements, or the tactical requirements of the movement exceed the technical considerations of the transportation function. The MT unit commander is then responsible to the designated convoy commander for the control of MT personnel and the operation of MT equipment, for technical advice on capabilities and limitations of equipment, and the deployment reaction of his unit if enemy contact is made. In any specific situation, a convoy commander may be designated dependent upon individual qualifications and the tactical situation.

TASK: 6C.1.4 LANDING IN AOA

CONDITION(S): Motor transport battalion personnel Land on the beach. The beach is relatively secure, but still subject to indirect fire. The build up of the beach support area is beginning, and the landing force support party is in control and prepared for the arrival of the first vehicles.

STANDARDS: EVAL: Y; N; NE

.1 ____ Demonstrates ability to negotiate the beach area showing familiarity with guide markers and the function of the lending force support party.

.2 ____ Demonstrates an ability to report with vehicles to their assigned destinations without undue confusion, in the absence of beach markers and in the case of casualties of lead vehicle personnel.

EVALUATOR INSTRUCTIONS: Evaluator can ascertain the second standard either by questioning drivers or designating some of the lead vehicle NCO’s as casualties.

KEY INDICATORS: None.

6C.2 CONVOY OPERATIONS

TASK: 6C.2.1 CONVOY PLANNING

CONDITION(S): The motor transport battalion is tasked to support the GCE by moving troops and material over an unfamiliar route to a forward area in a quantity that will require two convoys, One convoy requires a day movement and the other a night movement. The size and organization of the convoys are prescribed by the following minimums to simulate larger convoys covering longer routes. The day march column will be composed of two serials of 10 medium and heavy trucks each, plus lighter vehicles (one heavy vehicle will be a MK48/16 with low boy trailer carrying a bulldozer or comparable vehicle). Combat vehicles as part of the security element will not be included in the vehicle minimum count. The convoys will move over a distance of 25/10 (day/night) miles on unimproved roads (or a mix of improved/unimproved for day marches). The night column moves under blackout conditions and may be one serial. Assume that at some point in the route, the convoy has traveled sufficiently far that a planned-halt is necessary. Dur

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the warning order and initiates planning.

.2 ____ Analyzes the mission and available information to identify specific tasks with respect to KOCOA and METT-T.

.3 ____ Ensures unit SOP provides detailed guidance on convoys.

.4 ____ Uses standardized procedures contained in SOP’s in the development of the plan.

.5 ____ Reviews essential elements of friendly information and initiates immediate measures to reduce OPSEC indicators.

.6 ____ Requests available intelligence and combat information on the enemy, his disposition, capabilities, intentions; i.e., defend, reinforce, attack, withdraw, or delay (DRAW-D), identified vulnerability, ares of operations, and weather.

.7 ____ Requests maps, serial imagery, and other special topographic products if not already possessed.

.8 ____ Conducts a detailed terrain analysis to identify routes and highlight military aspects of terrain using KOCOA.

.9 ____ Coordinates with G-2 to develop a reconnaissance and surveillance plan to locate enemy positions, movements, and obstacles including the use of aerial reconnaissance, both manned and unmanned.

.10 ____ Determines overall MT requirements.

.11 ____ Identifies the distances involved, estimated time of movement, length of column, and time and distance separation factors.

.12 ____ Designates convoy commander.

.13 ____ Arranges a leaders’ reconnaissance (map, air, or route) depending on the time available and situation, to reconnoiter proposed routes, bridges, defiles, and other critical points which can either restrict or channel friendly forces.

.14 ____ Considers vehicles and loads that will be moved to identify possible problems in advance (such as might be caused by a tractor-trailer hauling a bulldozer).

.15 ____ Task organizes the convoy according to the specific mission and situation using a transport element, a security and escort element, support elements, and a command and control element.

.16 ____ Determines the march order. (KI)

.17 ____ Evaluates the effects of weather and astronomical data on both friendly and enemy forces, e.g., ambient light levels, trafficability, etc

.18 ____ Conducts initial staff orientation.

.19 ____ Issues convoy commander’s planning guidance; e.g,, security requirements, routes, halts, etc.

.20 ____ Issues a warning order which contains as much available information as will allow for preliminary planning, required movement, and rehearsals by subordinate units.

.21 ____ Develops courses of action and estimates of supportability.

.22 ____ Estimates the rates of advance afforded by each route.

.23 ____ Makes convoy commander’s estimate and decision, and formulates a concept of operation.

.24 ____ Plans a route(s), prescribes a rate of speed, assembly areas, schedule of events, order of march, maximum catch up speeds, intervals between vehicles and units.

.25 ____ Coordinates a detailed fire support plan with request procedures for all available assets to include mortars, artillery, NGF, and air; and allocates priority of fires to the lead elements.

.26 ____ Designates control measures such as phaselines and checkpoints that ensure the coordinated movement of units, supplies and equipment, and responsiveness of supporting fires and safety of personnel. (KI)

.27 ____ Coordinates procedures to allow for timely updates on the threat and weather while enroute to the objective area.

.28 ____ Determines the probability of contact based on METT-T, reports of enemy sightings, and other intelligence reports.

.29 ____ Identifies any required engineer effort to include bridging, and prepares plans to ensure the free movement through or around obstacles.

.30 ____ Requests air support to include close air, aerial reconnaissance, and aerial retransmission.

.31 ____ Coordinates communications and signals, and specifies alternate means of communications. (KI)

.32 ____ Plans redundancy in communications.

.33 ____ Incorporates available transported unit’s radios into the convoy to contribute to redundancy, especially convoy control.

.34 ____ Coordinates communications with units enroute for relaying messages to and from the FSSG command element.

.35 ____ Considers use of tactical deception in the planning, preparation, and execution of the movement in ways that would conceal the convoy and deceive the enemy as to destination, route, and defensive capabilities.

.36 ____ Coordinates with staff concerning organization, size, and control of the convoy.

.37 ____ Obtains and plans for the use of Night Vision Goggles (NVG’s).

.38 ____ Plans for the integration of tanks, LAV’s, AAV’s, and other vehicles capable of delivering direct fire.

.39 ____ Conducts liaison and coordination with the FSSG and supported unit, participating units, unit at destination, units enroute, and other supporting units.

.40 ____ Directs the integration of both active and passive security measures at all echelons.

.41 ____ Ensures that security procedures comply with rules of engagement (ROE) and provide for the security of friendly forces.

.42 ____ Plans for the deployment of security forces to provide early warning and a reaction force to enemy attack.

.43 ____ Develops plan for actions on enemy contact (ambush, indirect fire, air attack, NBC attack, meeting engagement), actions at halts, and establishes engagement criteria; i.e., size, type and activity, and a policy on reconnaissance by fire, if different from procedures contained in the unit SOP.

.44 ____ Considers the use of smoke to screen or obscure movement.

.45 ____ Establishes air defense priorities and procedures; i.e., employment of air guards, air attack warning signals, areas of scam, etc., in accordance with the unit SOP.

.46 ____ Ensures air defense coverage is planned in depth and coordinated for entire convoy route.

.47 ____ Ensures LAAD rules of engagement (ROE), air warning conditions, weapons conditions, and methods and means of passing alert warning information are established.

.48 ____ Identifies navigation aids (NAVAIDS) to be used to assist in the movement; e.g., GSR, chemical lights, infrared lights and guides.

.49 ____ Prepares strip maps which identify critical points, danger areas, distances between critical points, mileage ticks on the route, start point (SP), release point (RP), order of march, maximum catch-up speed, intervals between vehicles and units; and control measures.

.50 ____ Specifies reporting procedures that follow the unit SOP.

.51 ____ Develops contingency plans for crossing danger areas, downed aircraft enroute, destroyed or damaged vehicles, and mass casualties. (KI)

.52 ____ Prepares a march order for approval.

.53 ____ Develops a plan that includes vehicle recovery procedures.

.54 ____ Includes specific instructions for personnel/vehicle accountability throughout the convoy route. (KI)

.55 ____ Plans for and request survival equipment that may be required for arctic, desert, or any other special conditions.

.56 ____ Incorporates required medical support into each convoy.

.57 ____ Plans for the breaching of obstacles along the route.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

MARCH ORDER

Motor transport convoys are organized with a head, main body (serials), and trail. A motor march is composed of a transport element and a security element, which is positioned throughout the convoy to respond to various contingencies,

CONTROL MEASURES

Distance, time, rate of movement, orderliness, and security are controlled by measures as shown:

1. Any critical points are identified.
2. Halts are planned.
3. Interval is established.
4. March rate is set according to the threat and respective need for speed, control end/or security. Types of vehicles in the convoy will have a major influence on the rate of march, especially in mountains or on restrictive type roads.

5. Checkpoints are established at easily recognizable terrain features or landmarks for the purpose of keeping track of convoy progress.

6. Phaselines (which may be independent of or the same as some checkpoints) are established to further aid in organizing the motor march. Fire support, security watch levels, servicing, recovery, changes in march rate due to changes in road types, etc. are some of the reasons for establishment of phaselines.

COMMUNICATIONS

Communications are established according to resources and requirements. Because of the nature of a MT convoy, few vehicles have a radio, and convoy leaders will not have the ability to control each vehicle via radio. Tactical convoys are subject to many of the same enemy actions as infantry units, such as air attack, ambush, indirect fire, etc. The need to make the proper response is vital, but because of the physical characteristics of a convoy, events can occur at one end, the knowledge of which must be communicated to the other end. The distances and background noise are such that voice is useless and the few radio operators may be out of position to see, or they or the receiving radios may be destroyed. This all points to the need for a back up to radio communications, no matter how well planned or supplied with alternate means. The preferred method is usually a form of hand and arm signals, during the day, and flashlights at night (although night vision devices in some measure can make hand and arm.

CONTINGENCY PLANS FOR DANGER AREAS

Night march interval may require a closed column with intervals as close as 10 meters, depending on ambient light, use of night vision goggles, and familiarity with the route. However, a 10 meter interval would be very risky in a danger area. Danger area contingencies may include securing the danger area prior to arrival of the convoy, crossing individually or in small groups, etc. However, it must be kept in mind, that to stop the convoy may place it in greater danger than exists in the danger area. Planning needs to be very complete on this matter.

PERSONNEL/VEHICLE ACCOUNTABILITY

The instructions should include detailed instructions for guides to include safety procedures, use of road guard vests and pick up/recovery of personnel.

TASK: 6C.2.2 CONVOY PREPARATION

CONDITION(S): Planning is completed and the movement order is ready for issue.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a detailed briefing on the plan/order to all key subordinates, to include unscheduled halts.

.2 ____ Utilizes a terrain model, sketch, or other training aids when briefing the order.

.3 ____ Uses war game techniques with key personnel to ensure they have a detailed understanding of the plan, and have examined all possible contingencies.

.4 ____ Allows an opportunity for questions.

.5 ____ Assigns sufficient key personnel to ensure adequate command and control. (KI)

.6 ____ Briefs all drivers, prior to the movement, on the situation and actions to take at the various critical points and location of key leaders. (KI)

.7 ____ Ensures a thorough understanding of critical signals.

.8 ____ Forms up according to the march order.

.9 ____ Maintains dispersion and irregularity of formation.

.10 ____ Ensures that time spent in the staging area is minimal. (KI)

.11 ____ Establishes Local security, to include air defense.

.12 ____ Rehearses major actions with all units and personnel participating; e.g., immediate action-drills, nighttime movement, actions at danger areas, and air defense drills.

.13 ____ Ensures drivers are trained for driving under any special road conditions required; i.e., ice, snow, send, mud, fording and difficult terrain; and for vehicle recovery in send, mud, and snow.

.14 ____ Conducts a CPX or at a minimum a staff rehearsal,

.15 ____ Issues ammunition and special equipment, and conducts maintenance checks and LTI's on required equipment and vehicles.

.16 ____ Provides time for final maintenance (no mechanically defective vehicles are sent).

.17 ____ Conducts final inspections for all personnel and equipment to ensure prescribed items are available, serviceable, carried correctly, and all personnel understand all required aspects of the mission.

.18 ____ Inspects loads.

.19 ____ Conducts final brief for key personnel to include a ZIPPO (Zone Inspection Planning, Preparation, and Operation) brief for pilots if helicopters are involved in the convoy.

EVALUATOR INSTRUCTIONS: If existing SOP's or the previously issued operation order annexes provide the necessary convoy movement details, the movement order can be issued verbally or as a fragmentary order, otherwise, all details of the movement must be issued originally in the movement order.

KEY INDICATOR:

KEY PERSONNEL

Key personnel consist of the following:

1. Convoy commander
2. Advance Officer/NCO
3. Advance Party
4. Pace Setter
5. Trail Officer
6. Trail Maintenance Officer/NCO
7. Other personnel as required (Security Element Commander)

BRIEFS ALL CONVOY PERSONNEL

Briefing should include:

1. Situation
2. Introduction and location of all key personnel to include leaders, corpsmen, and Maintenance Officer/NCO.
3. Maps that have been marked and supplemented, if necessary, by strip maps with pick up or delivery points, and identity of individuals to report to,
4. Destination

5. Road and weather conditions, and forecast for the time of the convoy.

6. Route

7. Rate of march

8. Interval

9. Radio frequencies

10. Signals

11. Planned baIts

12. Final brief on breakdowns, ambush/air attack, and mines and booby traps.

13. Other special instructions.

TIME SPENT IN STAGING AREA

Allow 30 minutes per 20 vehicles up to 2 hours maximum.

TASK: 6C.2.3 CONDUCT OF THE MARCH

CONDITION(S): The motor transport battalion is tasked to support the GCE by moving troops and materiel to a forward area during a day movement. The size and organization of the convoy is prescribed by the following minimums to simulate a larger convoy covering a longer route. The march column will be composed of two serials of at least 10 medium and heavy trucks each (one heavy vehicle will be a low boy/LVS carrying a bulldozer), plus Lighter vehicles. The convoy will move over a distance of 25 miles on unimproved roads (or a mix of improved/unimproved roads). Assume that at some point in the route, the convoy has traveled a sufficient distance that a planned halt is necessary. During the march enemy contact is probable. Available MEF assets will support the convoy if requested, The enemy has direct and indirect fire weapons capabilities, both fixed and rotary-wing aircraft, NBC and EW capabilities. Column is forced to halt due to road or traffic condition.

STANDARDS: EVAL: Y; N; NE

.1 ____ Begins convoy on time, at a start point previously designated in the order.

.2 ____ Develops contingency plans for movement when bridges are encountered that are inadequate.

.3 ____ Ensures bridges are rated or evaluated for strength, before crossing.

.4 ____ Ensures procedures for requesting planned fire support are coordinated.

.5 ____ Conducts drills for immediate action, actions at danger areas, and air defense according to the SOP, and as briefed.

.6 ____ Conducts fording operations.

.7 ____ Conducts ferrying operations.

.8 ____ Conducts halts, both planned and unscheduled. (KI)

.9 ____ Uses designated checkpoints enroute.

.10 ____ Ensures convoy commander and security element leaders are able, upon request, to provide their location by a six-digit grid coordinate within 60 seconds.

.11 ____ Maintains covered communications on those nets designated as covered throughout movement.

.12 ____ Uses tactical deception measures that conceal or deceive the enemy as to destination, route, and defensive capabilities.

.13 ____ Maintains vehicle interval as described in the SOP and according to the column movement designated at the briefing or as changes in the tactical situation require.

.14 ____ Ensures the convoy is not delayed or halted by accidents, disabled vehicles, traffic at critical points, etc.

.15 ____ Demonstrates the ability to recover vehicles under any road conditions; e,g., send, mud, ice.

.16 ____ Decides whether or not to destroy disabled vehicles, (KI)

.17 ____ Demonstrates the ability to control the convoy by using only hand and arm signals.

.18 ____ Plans for immediate action if attacked.

.19 ____ Conducts immediate action, according to SOP, and as briefed and rehearsed.

.20 ____ Demonstrate drivers ability to drive under any special road conditions.

.21 ____ Maintains the schedule set forth in the operations order.

.22 ____ Reports progress of convoy to headquarters.

.23 ____ Ensures guides lead their elements from the release point(s) to their unloading areas.

EVALUATOR INSTRUCTIONS: Vehicles designated for destruction should trail the convoy (administratively), after the load has been removed, if the load is to be destroyed, it will also remain with the vehicle.

KEY INDICATORS:

HALTS

1. Halts must be planned for at the appropriate time and place. Drivers must not dismount until directed. The Locations must offer:

   a. An area large enough to accommodate the convoy and still allow for the same dispersion provided by the march interval.

   b. Provide cover, concealment, and adequate security to the extent the route offers it.

   c. Unscheduled halts:

      (1) Lead element reports the road restriction to the convoy commander who alerts the march column.

      (2) Column stops while maintaining vehicle interval and security.

      (3) Convoy commander reports the halt to the battalion or highway control headquarters, while subordinate leaders insure that drivers remain alert for immediate resumption of march.

      (4) When restriction is removed, each march element reports by radio/signal its resumption of march.

      (5) Establish security before all else.

         (a) Air guards.

         (b) Flank, forward, and rear security,

         (c) Forward and rear point security of the route.

         (d) Alert condition prescribed by convoy commander for duration of halt.

         (e) Drivers and assistant drivers must take all designated defensive measures.

      (6) Activities at the halt should include:

(a) Accounting and reorganizing.

(b) 1st echelon maintenance (refueling, oil, water, tires, etc.).

(c) Driver comfort (rest, relief, messing, etc,).

(7) Schedule adjustment.

(8) Serials should never rest together.

DISABLED VEHICLES

When a vehicle is disabled during the movement, it should not be allowed to halt the progress of the remainder of the convoy. Operators should be instructed to pull off of the roadway and to wave all following vehicles past.

1. Towing by wrecker is avoided unless, because of the type of failure end/or operational conditions, a tow bar would be unsafe or not capable of towing the vehicle.

2. The trail officer notifies the convoy commander of all disabled vehicles and advises him of his ability to effect timely repair/recovery. In combat, the decision to destroy vehicles or cargo that cannot be towed or recovered is made by the convoy commander.

3. When time is available, the vehicle crew and trail personnel should remove critical cargo or parts from any vehicle that is to be destroyed.

TASK: 6C.2.4 CONDUCT NIGHT MARCH

CONDITION(S): The motor transport battalion is tasked to support the GCE by moving materiel to a forward area, in a timely manner, that will require a night march. The astronomical report indicates there will be no moon. The size and organization of the convoy is prescribed by the following minimums to simulate a larger convoy covering a longer route. The convoy will move over a distance of at least 10 miles on unimproved roads. The column moves under blackout conditions and will be one serial of at least ten medium and light trucks, not counting any escort vehicles. Assume that at some point in the route, the convoy has traveled a sufficient distance to make a planned halt necessary. During the march enemy contact is probable. Available MEF assets will support the convoy, if requested, The enemy has night helicopter and NBC capabilities.

STANDARDS: EVAL: Y; N; NE

.1 ____ Begins convoy on time at a start point previously designated in the order.

.2 ____ Uses familiar roads to the maximum extent possible.

.3 ____ Conducts immediate action, actions at danger areas, and air defense according to the unit SOP and as briefed.

.4 ____ Ensures all convoy members receive refresher training and rehearsal in night security, and night defensive techniques.

.5 ____ Ensures procedures for requesting planned fire support are coordinated.

.6 ____ Directs maximum use of night vision goggles (NVG’s).

.7 ____ Operates with blackout lights forward of the light Line.

.8 ____ Verifies bridge ratings for strength before crossing.

.9 ____ Uses alternate routes when bridge conditions are not safe.

.10 ____ Maintains dispersion of 10 meters between vehicles, unless ambient illumination allows more space,or NVG’s are available. (KI)

.11 ____ Maintains a minimum march rate of 5 mph, unless NVG's are available.

.12 ____ Maintains a minimum march rate of 40 mph with NVG's on hard surface roads and20 mph on unimproved road according to conditions. (KI)

.13 ____ Uses designated checkpoints enroute.

.14 ____ Reports progress of convoy, as required.

.15 ____ Conducts halts both planned and unscheduled.

.16 ____ Demonstrates the ability to control the convoy by using, primarily, hand and arm (colored lens flashlight) signals.

.17 ____ Ensures convoy commander and security element leaders are able to provide their location by a six digit grid coordinate within 1 minute.

.18 ____ Maintains covered communications on those nets so designated throughout movement.

.19 ____ Uses tactical deception measures that conceal or deceive the enemy as to destination, route, and defensive capabilities.

.20 ____ Demonstrates drivers ability to drive under any special road conditions.

.21 ____ Ensures that convoy is not delayed or halted by accidents, disabled vehicles, or traffic at critical points.

.22 ____ Determines whether or not to destroy disabled vehicles.

.23 ____ Demonstrates the ability to recover vehicles under any road conditions; e.g., send, mud, or ice.

.24 ____ Adheres to the schedule set forth in the operations order.

.25 ____ Ensures guides lead their elements at critical points, from the release point(s) to their unloading areas, and while enroute to avoid possible confusion.

.26 ____ Maintains noise and light discipline. (KI)

.27 ____ Demonstrates vehicle and personnel accountability. (KI)

EVALUATOR INSTRUCTIONS:

KEY INDICATORS:

10 METER INTERVAL

The 10 meter interval, a very closed column is used to keep control. At danger areas the 10 meter interval would have to be adjusted. Planning should have identified danger areas, and actions at danger areas should be rehearsed, See Key Indicator, Contingency Plans At Danger Areas under task 6C.2.1 Convoy Planning.

LIGHT DISCIPLINE

Driver training should include a review of vehicle light switches, so that no breaches of light discipline occur inadvertently by lack of understanding of how to use them. Ensure NVG's are removed if an order is issued to turn on lights.

ACCOUNTABILITY

Strict control must be exerted over convoy personnel, especially at halts and after arriving at forward destinations, when personnel may tend to relax their discipline, to avoid compromising positions.

6C. 3 CONVOY DEFENSIVE TECHNIQUES

TASK: 6C.3.1 PASSIVE DEFENSE MEASURES

CONDITION(S): Motor transport battalion is running tactical convoys under combat conditions, and is subject to attack (air, ambush, mines, NBC, sniper).

STANDARDS: EVAL: Y; N; NE

.1 ____ Selects the best route for the convoy to avoid ambush.

.2 ____ Uses OPSEC to deny enemy knowledge of movements.

.3 ____ Makes thorough reconnaissance to become familiar with the route and to identify potential problem areas.

.4 ____ Avoids routine schedules in convoy operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.3.2 TAKE ACTION TO MINIMIZE EFFECTS OF AMBUSH

CONDITION(S): Motor transport battalion is supporting the GCE with a movement of troops and materiel along a route where enemy contact is probable. The following steps are taken to minimize the effects of any attack that might take place.

STANDARDS: EVAL: Y; N; NE

.1 ____ Keeps maximum dispersion (up to 100 meters) that conditions allow, but still maintains control.

.2 ____ Spaces prime targets throughout the convoy.

.3 ____ Hardens vehicles.

.4 ____ Camouflages vehicles.

.5 ____ Conceals loads.

.6 ____ Assigns assistant drivers who, like drivers, carry their T/O weapon.

.7 ____ Ensures security element is properly employed to provide early warning.

.8 ____ Assigns, rotates, and supervises airguards.

.9 ____ Practices immediate action drills.

.10 ____ Carries troops as well as supplies.

.11 ____ Wears body armor and helmet.

.12 ____ Carries complete individual and unit NBC issue.

.13 ____ Uses prearranged signals to warn the convoy of an ambush.

.14 ____ Uses escort vehicles (tanks, LAV's, AAV's, helicopter gunships or gun trucks).

.15 ____ Reacts aggressively to any ambush.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATION: None.

TASK: 6C.3.3 AIR DEFENSE

CONDITION(S): Motor transport battalion is conducting tactical convoy operations in a combat situation. The enemy has high performance fixed-wing and helicopter capability. MEF assets are available if requested.

STANDARDS: EVAL: Y; N; NE

.1 ____ Includes procedures for air defense in planning.

.2 ____ Takes all passive measures during the march.

.3 ____ Briefs and rehearses all personnel on immediate action for an air attack. (KI)

.4 ____ Requests LAAD support.

.5 ____ Ensures LAD teams have sufficient organic communications gear with them.

.6 ____ Ensures commander is kept aware of any changes to alert conditions and weapons status by LAAD team leader.

.7 ____ Ensures all personnel wear body armor during the convoy.

.8 ____ Prescribes alarm signals

.9 ____ Designates air guards.

.10 ____ Gives the alarm before attack.

.11 ____ Puts vehicles under cover, if available.

.12 ____ Concentrates a heavy volume of fire on attacking aircraft.

.13 ____ Describes firing techniques for engaging aircraft. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

IMMEDIATE ACTION FOR AN AIR ATTACK

The first principle of camouflage is movement. Ability of the unit to detect approaching aircraft is critical. The mere act of polling over and stopping does more to keep the vehicles from being detected by aircraft then any other step that could be taken. But without seeing an approaching aircraft first the unit has no way of reacting. Airguards are important and must stay motivated and alert. Fifteen minute shifts are the maximum period of concentration that can be expected.

FIRING TECHNIQUES

1. Aim for the nose of approaching aircraft.

2. Lead crossing aircraft (high performance jet aircraft by 9 aircraft lengths).

3. Mounted weapons aim slightly high.

TASK: 6C.3.4 IMMEDIATE ACTION AGAINST AMBUSH, ROAD NOT BLOCKED

CONDITION(S): The motor transport battalion is tasked to support the GCE by moving troops and materials to a forward area during a day movement. The size and organization of the convoy is prescribed by the following minimums to simulate a larger convoy covering a longer route. The march column will be composed of two serials of at least 10 medium and heavy trucks each, plus lighter vehicles. One heavy vehicle will be a MK48/16 with low boy trailer carrying a bulldozer. The convoy will move over a distance of at least 25 miles on unimproved roads (or a mix of improved/unimproved roads if the training area is not large enough). Assume that at some point in the route, the convoy has traveled a sufficient distance to make a planned halt necessary. Available MEF assets will support the convoy if requested. The enemy has direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, NBC, and EW capabilities. The convoy is ambushed but the road is not blocked.

STANDARDS: EVAL: Y; N; NE

.1 ____ Takes all passive measures during the march.

.2 ____ Briefs and rehearses all personnel on immediate action for an ambush with the road not blocked.

.3 ____ Drives out of the kill zone quickly, to a specified location

.4 ____ Leaves behind disabled vehicles, until ambush is cleared.

.5 ____ Pushes disabled vehicle off of road with following vehicles.

.6 ____ Ensures armored escort vehicles do not block convoy vehicles by halting to return fire in the traveled portion of the road.

.7 ____ Calls for supporting arms.

.8 ____ Ensures gun trucks and other vehicles with mounted weapons react by laying down a heavy volume of fire against the ambush force.

.9 ____ Calls for reaction force.

.10 ____ Emphasizes the safety and survival of the convoy, over defeating the enemy. (KI)

.11 ____ Ensures the safety of the reaction force when calls for artillery fire are made.

.12 ____ Ensures personnel are briefed to remain within a specified distance from the road, to avoid becoming casualties from friendly fire. (KI)

.13 ____ Directs all nondrivers to place a heavy volume of fire on enemy forces as rapidly as possible, while vehicles move out of the kill zone.

.14 ____ Avoids deploying MT elements against the ambush force, unless it is necessary to prevent destruction of the element.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SAFETY AND SURVIVAL OF CONVOY

Enemy attacks upon convoys are frequently done with a small force dedicated to slowing or halting progress rather then defeating or capturing the convoy. If convoy commanders allow themselves to become unnecessarily engaged, they may be contributing to the enemy's effort to halt the convoy, where it can be more easily fixed and engaged by artillery. Normally, the security force will take action to neutralize the ambush, while the convoy escapes from the kill zone. In an ambush situation, immediate reaction and aggressive leadership are essential to limit casualties and damage to vehicles and cargo.

PERSONNEL RESTRICTIONS DURING CALL FOR FIRE

In this circumstance, every effort is made to drive through the kill zone or avoid entering it. If possible, that portion of the convoy forward of and in the kill zone, continues moving until the last vehicle is out of danger, Calls for supporting arms are made, Personnel, including the reaction force, do not maneuver beyond a position that limits the enemy from making any flanking movements (parallel with the route of advance of the convoy). If a vehicle becomes disabled and blocks the road, the response changes to the same as TASK 6C.3.5.

TASK: 6C.3.5 IMMEDIATE ACTION AGAINST AMBUSH, ROAD BLOCKED

CONDITION(S): The motor transport battalion is tasked to support the GCE by moving troops and materiel to a forward area during a day movement. The size and organization of the convoy is prescribed by the following minimums to simulate a larger convoy covering a longer route. The march column will be composed of two serials of 10 medium and heavy trucks each (one heavy vehicle will be a MK48/16 with low boy trailer carrying a bulldozer), plus lighter vehicles. The convoy will move over a distance of 25 miles on unimproved roads (or a mix of improved/unimproved roads). Assume that at some point in the route, the convoy has traveled a sufficient distance to make a planned halt necessary. Available MEF assets will support the convoys if requested. The enemy has a combat air capability. The convoy is ambushed and the road is blocked by one of its own vehicles that cannot be pushed out of the way, because of the nature of the damage.

STANDARDS: EVAL: Y; N; NE

.1 ____ Takes all passive measures and actions to minimize effects of ambush during the march.

.2 ____ Briefs and rehearses all personnel on immediate action for an ambush with the road blocked.

.3 ____ Ensures embarked troops dismount, take cover, and return a maximum volume of fire on enemy positions.

.4 ____ Ensures security troops from vehicles that have passed through, or who are positioned before the kill zone, dismount and prepare to attack the flanks of the ambush position.

.5 ____ Leaves a security force behind to protect the security element's vehicles.

.6 ____ Ensures the safety of the reaction forces when calls for artillery fire are made.

.7 ____ Ensures personnel are briefed to remain within a specified distance from the road, to avoid becoming casualties from friendly fire. (See KI under TASK 6C.3,4)

.8 ____ Calls for reaction forces immediately upon being attacked.

.9 ____ Emphasizes the safety and survival of the convoy over defeating the enemy.

.10 ____ Clears road and resumes convoy as soon as enemy is dislodged.

.11 ____ Redistributes cargo from disabled vehicles that cannot be towed.

.12 ____ Destroys disabled vehicles only with-specific authority from the convoy commander.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.3.6 DEFEND AGAINST MINES AND BOOBY TRAPS

CONDITION(S): A MT convoy is scheduled. The MT officer has completed his movement order. The intended route has been swept for mines by the engineers. Small enemy patrols are active in the rear area.

STANDARDS: EVAL: Y; N; NE

.1 ____ Takes all passive measures during the march.

.2 ____ Briefs all convoy personnel concerning mines and booby traps. (KI)

.3 ____ Conducts liaison with the engineer officer to receive the latest information on any mining attempts, status of road clearance to include the status on alternate routes, and any other information on the enemy's mine and booby trap activity.

.4 ____ Arranges for engineer support to sweep the road for mines.

.5 ____ Plans/organizes engineer obstacle clearing detachments.

.6 ____ Considers the effect of a reduced rate of march on mission planning and timetables.

.7 ____ Hardens vehicles.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

BRIEF

Brief on mines and booby traps includes:

1. Reminder that mines are frequently used to start an ambush.
2. Avoid driving on the shoulder of the road.
3. Track the vehicle in front.
4. Avoid fresh earth in the road.
5. Watch local population traffic and the reactions of people on foot. (They will frequently give away the location of any mines or booby traps).

6C.4 MOTOR TRANSPORTATION OPERATIONS ASHORE

TASK: 6C.4.1 ESTABLISH A TACTICAL MOTOR POOL

CONDITION(S): The amphibious operation has taken place. The amphibious task force objective has been secured. Combat service support, including motor transport, is well established and displacement does not appear likely for an indefinite amount of time.

STANDARDS: EVAL: Y; N; NE

.1 ____ Makes a reconnaissance for a motor pool site.

.2 ____ Selects, in coordination with the FSSG command element, a motor pool site. (KI)

.3 ____ Designates adequate space for parking, maintenance, and storage of supplies.

.4 ____ Parks vehicles facing towards exit.

.5 ____ Designates emergency exits in case of enemy attack.

.6 ____ Includes in SOP a priority of evacuation for equipment.

.7 ____ Establishes a traffic pattern within the motor pool that allows for unimpeded flow of vehicles and easy access to facilities.

.8 ____ Establishes a fire prevention and fire fighting plan.

.9 ____ Designates special parking areas for fuel and ammunition vehicles.

.10 ____ Ensures physical security of equipment, tools, and supplies.

.11 ____ Ensures adequate defense of the motor pool at all times and considers defense when making operational decisions.

.12 ____ Continues necessary clerical and reporting functions in connection with the operation of the motor pool.

.13 ____ Develops a barrier and fire support plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SITE SELECTION

The following factors should be considered when selecting a motor pool site:

1. Proximity to a road network.
2. Terrain suitability to include grade.
3. Dispersion suitability.
4. Lack of sharp turns at entrance and exit.
5. Natural concealment.
6. Well drained hardstand, situated away from enemy avenues of approach.
7. Use of existing facilities especially during seasons of bad weather.

TASK: 6C.4.2 MOTOR TRANSPORT OPERATIONS

CONDITION(S): The motor pool is established. Operations are stable but the MEF may be withdrawn either by air or sea to redeploy.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains liaison with military and civil authorities regarding movement of vehicles.

.2 ____ Maintains close supervision of vehicles on dispatch including use of a roadmaster.

.3 ____ Coordinates with FSSG command element when planned vehicle requirements exceed capacity so that priority of assignment is established.

.4 ____ Operates an aggressive inspection program for driver maintenance.

.5 ____ Provides continuous training for all motor transport personnel to include night driving techniques. (KI)

.6 ____ Provides POL usage data and anticipated requirements to appropriate staff sections.

.7 ____ Stresses MT safety through the promulgation of unit orders/SOP's.

.8 ____ Motor transport battalion commander assigns missions to all dispatched subordinate elements.

KEY INDICATORS:

TRAINING

Motor transport training continues for the purpose of improving current deficiencies, and for preparing for future efforts. Training should address all contingencies including the current operation. The following subjects are a minimum recommendation:

1. Convoy training.
2. Immediate action drills.
3. Vehicle recovery.
4. Defense of the motor pool.
5. Individual measures (including NBC).
6. Traffic safety.
7. Accident reporting.
8. Maintenance management.
9. Cold weather operations.
10. Preparation for air movement.
11. Fording.
12. Rail movement.

TASK: 6C.4.3 CONDUCT ORGANIZATIONAL MAINTENANCE OPERATIONS

CONDITION(S): The amphibious operation has taken place. The amphibious task force objective has been secured. Combat service support, including motor transport is well established and displacement does not appear likely for an indefinite amount of time.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures the maintenance platoon is equipped with the required tools and test equipment to perform 1st, 2nd, and limited third echelon maintenance for vehicles and equipment organic to the battalion.

.2 ____ Ensures maintenance platoon is adequately staffed with properly trained personnel.

.3 ____ Maintains adequate pre-expended bins on hand.

.4 ____ Maintains required technical publications.

.5 ____ Conducts organizational maintenance and repair.

.6 ____ Schedules operations to provide time for necessary organizational maintenance.

.7 ____ Assures efficient use of resources and timely repair of vehicles and organizational equipment.

.8 ____ Ensures there is a capability for conducting maintenance outside the motor pool.

.9 ____ Provides convoy maintenance with the trail element which consists of tow vehicles, a wrecker, and a mechanic at a minimum.

.10 ____ Ensures scheduled maintenance is conducted.

.11 ____ Coordinates procedures for enroute maintenance with units capable of assisting, if the need arises.

.12 ____ Provides the means to destroy disabled vehicles when necessary.

.13 ____ Demonstrates capability to repair or evacuate all vehicles, or to replace components on all vehicles and other organic equipment of the motor transport battalion.

EVALUATOR INSTRUCTIONS: Evaluator must be skilled in MT maintenance and have a working knowledge of relevant MT TM's and MCO's that pertain to MT maintenance.

Evaluator can, in lieu of observing actual repairs (which may not occur if the correspondent breakdown does not occur), evaluate by questioning members of the about procedures for conducting any of the requirements set forth in the standards.

KEY INDICATORS: None.

TASK: 6C.4.4 JOINT AIRLIFT PREPARATION

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. Elements of the MEF will move to the area of operations using joint airlift. Some MT assets will move by Air Force strategic lift aircraft. Loading will occur in 96 hours. Due to joint responsibilities, it is necessary to accomplish and document joint inspections of equipment prior to loading. The vehicles have been prepared for air movement, have arrived in the marshaling area at the departure airfield, and are readied for the final inspection prior to loading aboard aircraft.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates vehicle preparation for airlift embarkation.

.2 ____ Ensures vehicle placards are on hand.

.3 ____ Ensures vehicles are free from POL leaks.

.4 ____ Ensures vehicles are free from mud and dirt.

.5 ____ Ensures vehicle fuel tanks are not more than half full.

.6 ____ Ensures fire extinguisher, ax, shovel, and gas can are secured in or on the vehicle with straps/bracket.

.7 ____ Ensures vehicles are reduced to their smallest dimensions, as required.

.8 ____ Ensures center of balance (C/B), rear axle weight (RAW), front axle weight (RAW), and gross weight (G/W) are marked.

.9 ____ Ensures gas can seals are present and work properly, cans have cardboard between and under them, with no metal to metal contact, are properly tac marked, and gas is filled to l inch from the spout.

.10 ____ Ensures trailer pins are attached to vehicles.

.11 ____ Ensures trailer stands are secure.

.12 ____ Ensures battery cables are secure, battery caps and boots are on hand, and batteries are serviceable.

.13 ____ Ensures shoring for vehicles and trailers is available.

.14 ____ Ensures all loose cargo is secured using, as a minimum, rope of at least a 1/2 inch diameter.

.15 ____ Ensures drivers have keys to boxes.

.16 ____ Ensures all hazardous cargo has been identified and certified.

.17 ____ Ensures vehicles are operational.

.18 ____ Ensures bulk fuel equipment lines and valves are purged.

.19 ____ Ensures passenger manifests are complete, signed, and dated.

.20 ____ Provides complete load plans to the Departure airfield Control Group (DACG) of actual weight of equipment/pallets being loaded.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6C.5 LANDING SUPPORT OPERATIONS

TASK: 6C.5.1 PLAN LANDING SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an amphibious operation against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun landing support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Provides input to the CSS estimate of supportability

.2 ____ Identifies possible beach and helicopter landing zones (HLZ's) and cushion landing zones (CLZ's) to be supported based on the proposed courses of action.

.3 ____ Requests available information to assist in determining the desirability of landing areas. (KI)

.4 ____ Computes the throughput of the beach, port, or other facilities to be used during the offload.

.5 ____ Establishes separate track and wheeled vehicle routes to the beach and for throughout to designated areas.

.6 ____ Identifies the quantity and types of supplies to be landed, and the types of containers to be used during movement.

.7 ____ Analyzes the overall requirements for lending support assistance and identifies personnel and equipment augmentation requirements to include Navy augmentation.

.8 ____ Plans the phasing ashore of LFSP assets to establish facilities based on the commander's concept of operations and the concept for CSS.

.9 ____ Develops LFSP plan for inclusion into Annex D which contains instructions for control, organization of the beach support areas (BSA), LZSA's, force combat service support area (FCSSA), use of emergency supplies, and priorities for landing LFSP equipment.

.10 ____ Task organizes LFSP personnel and equipment to support planned surface and/or heliborne assaults.

.11 ____ Establishes initial priority of preparing and monitoring beaching points and access roads.

.12 ____ Identifies the initial locations of where various categories of supplies are to be landed, and where casualties are to be evacuated.

.13 ____ Coordinates plans for initial supplies and equipment to be vehicle Loaded, palletized, end/or in packaged lifts to permit the rapid movement inland to using units or FCSSA, thus reducing congestion at the water's edge.

.14 ____ Coordinates with the GCE and plans for the lending of LSB reconnaissance teams early in the scheduled waves to verify tentatively selected sites for various beach installations, and to serve as guides.

.15 ____ Coordinates casualty evacuation and disaster recovery plans (see TASK: 6.E.1.1 Plan For Health Services).

.16 ____ Coordinates liaison procedures to be used with the TACLOG.

.17 ____ Determines cargo handling requirements, both personnel and equipment, to ensure that MHE capable of lifting and moving supplies is available.

.18 ____ Coordinates the provision for the security of BSA's, LZSA's, and FCSSA.

.19 ____ Coordinates military police support to include traffic control and handling of EPW's. (see TASK: 6F.1.1 Plan Security Support).

.20 ____ Identifies any special requirements for additional personnel augmentation and/or equipment support.

.21 ____ Identifies procedures to be used to record and report which element's supplies and equipment are landed.

.22 ____ Identifies and coordinates the location of CSS installations which provide for dispersion, cover and concealment, and availability of existing routes of communications.

.23 ____ Designates, in coordination with the ACE, aircraft rearming and refueling points.

.24 ____ Identifies the requirements and procedures for beach and HLZ marking designations, cleared access lanes, and NAVAID equipment (both visual and electronic).

.25 ____ Coordinates traffic control both within the beach support area and LZSA's to facilitate traffic circulation.

.26 ____ Determines the requirement for installing beach matting.

.27 ____ Designates the safe distances for separation of ammunition from the FCSSA and the fuel unloading point.

.28 ____ Establishes procedures for the handling of supplies within each dump thus ensuring supplies are segregated by type and other distinguishing characteristics.

.29 ____ Plans and conducts unloading and handling of ammunition.

.30 ____ Coordinates with GCE operational planners to ensure adequate engineer equipment and personnel are included in scheduled waves in order to establish beach egress routes.

.31 ____ Coordinates the early landing of LFSP personnel and equipment to ensure the ability to unload, segregate, store, safeguard, and issue supplies as they are brought ashore.

.32 ____ Coordinates the establishment of evacuation stations on the beach.

.33 ____ Coordinates the establishment of enemy prisoner of war (EPW) and straggler collection points.

.34 ____ Plans for the provision of fire fighting.

.35 ____ Determines the requirement for cargo nets, slings, and other HST equipment at the various HLZ's.

.36 ____ Establishes a plan for retrograde of nets and slings from the various HLZ's for reuse.

.37 ____ Ensures provisions are made for conducting night operations.

.38 ____ Coordinates provisions for the marking and reduction of mines and other obstacles on the beach.

.39 ____ Plans for provision of Helicopter Support Teams (HST's).

.40 ____ Ensures prepackaged supplies are kept within the weight limitations of the cargo handling equipment available at the lending site.

.41 ____ Determines methods of aerial delivery of supplies; i.e, helicopter, parachute, or free dropped.

.42 ____ Identifies all LFSP communications requirements to the CEO.

.43 ____ Ensures the LFSP task organization allows for the immediate establishment of communications ashore.

.44 ____ Determines the requirement for Assault Amphibious Bulk Fuel Systems (AABFS), as required.

.45 ____ Prepares and submits a LFSP plan for inclusion in the CSS annex of the operation order.

.46 ____ Participates in contingency planning.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DETERMINING LANDING AREAS

The following factors should be taken into consideration when determining landing sites:

1. Terrain analysis, based on examination of unique topographic features.
2. Beach studies, hydrographic conditions, and inland terrain conditions.
3. Local resources
4. Climate.
5. Routes of communications and proposed location of installations.

TASK: 6C.5.2 PLAN MARITIME PREPOSITIONED SHIP (MPS) OFFLOAD

CONDITION(S): The MAGTF has secured a port facility in preparation for a MPS offload.

STANDARDS: EVAL: Y; N; NE

.1 ____ Prepares plan to offload, marshal, and push forward MPS containerized cargo.

.2 ____ Develop retrograde plan for empty containers.

.3 ____ Conduct container marshaling.

.4 ____ Execute container retrograde plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.5.3 CONDUCT LANDING SUPPORT OPERATIONS

CONDITION(S): The MEF has commenced an amphibious operation. The initial assault waves have cleared the beach. Landing support battalion is supporting the landing.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures beach unloading points, obstacles, channels, and navigational hazards are marked or removed as appropriate to allow for a 24-hour operating capability.

.2 ____ Selects, upon the recommendations of the naval support element, locations of causeways and slots or ramps.

.3 ____ Confirms cushion penetration points (CPP’s) for lending craft and ships, and unloading point markers for wheeled and tracked vehicles and supplies.

.4 ____ Establishes multiple class supply dumps and other BSA installations, casualty and EPW evacuation stations, straggler collection points, command post, and defensive positions.

.5 ____ Constructs and maintains beach lateral and exit roads.

.6 ____ Establishes and operates information centers and maintains current situation maps to assist units which have landed.

.7 ____ Controls the movement of troops, supplies, and equipment across the beach to maximize throughput.

.8 ____ Maintains continuous communications with the GCE commander of both the surface and airborne assault units and tactical Logistical groups (TACLOG's) for control purposes.

.9 ____ Establishes lateral communications between beaches and helicopter landing zones.

.10 ____ Ensures lending sites for helicopters are marked and obstacles are marked or removed to allow for a 24-hour operating capability.

.11 ____ Coordinates the evacuation of casualties and enemy prisoners of war (EPW's).

.12 ____ Provides emergency maintenance and de-waterproofing facilities for equipment landed.

.13 ____ Maintains and reports by category, a continuous record of units, equipment, and amounts of supplies landed.

.14 ____ Coordinates the unloading of supplies from beached landing craft, ships and helicopters; the movement of AAV's carrying supplies; and the movement of these supplies to inland dumps or using units as required.

.15 ____ Coordinates the local security of the BSA.

.16 ____ Establishes and maintains a warning system to warn of air, ground, and nuclear, biological, and chemical (NBC) attacks within the BSA.

.17 ____ Rigs external helicopter loads in accordance with SOP and according to regulations.

.18 ____ Coordinates the installation and operation of bulk fuel facilities.

.19 ____ Demonstrates the capability to layout an HLZ, and erect and operate electronic and visual aircraft navigation aids to allow for a 24-hour operational capability.

.20 ____ Marks ingress and egress routes for ground vehicles operating in the vicinity of HLZ's, and provides adequate ground guides to ensure a 24-hour operating capability.

.21 ____ Coordinates for the provision of FARP facilities as directed/required.

.22 ____ Maintains necessary records of supplies received, issued, and available.

.23 ____ Maintains liaison with the supported unit.

.24 ____ Maintains continuous communications with subordinate elements.

.25 ____ Coordinates for the performance/provision of fire fighting duties during helicopter operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.5.4 CONDUCT LFSP HEADQUARTERS PLANNING

CONDITION(S): The MEF headquarters publishes a Shore Party Activation Order, Annex I of the Navy operations Plan is available.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes LFSP headquarters.

.2 ____ Prepares landing support input to estimates of supportability.

.3 ____ Prepares lending support input to Concept of Logistic/Combat Service Support.

.4 ____ Prepares landing support input for lending supplies.

.5 ____ Prepares landing support input for the OPLAN/OPORD (Annex D as appropriate).

.6 ____ Prepares landing support input for airborne units requiring beach support.

.7 ____ Prepares training programs for ships' platoons.

.8 ____ Reviews Navy landing documents (Annex l) to ensure compatibility of serial assignments involving ships' platoons.

.9 ____ Ensures, when necessary, that pre-D-Day transfers are planned to colocate the TACLOG and the Shore Party/Helicopter Support Element aboard the Primary Control Ship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.5.5 CONDUCT SHORE PARTY (5P) OPERATIONS

CONDITION(S): Shore Party teams/group support the MEF during the waterborne ship-to-shore movement of an amphibious assault.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures liaison team is assigned to the assault units and is embarked and landed with the unit S-4(s).

.2 ____ Ensures the reconnaissance element is landed in the scheduled waves or free boat, establishes advance CP, and erects flank and center markers.

.3 ____ Ensures the reconnaissance element physically checks supply routes and dump locations, and records the findings on the initial plan for beach support area (BSA) development.

.4 ____ Ensures reconnaissance element establishes communications with the assault unit command group and the TACLOG.

.5 ____ Ensures the reconnaissance element recommends the landing of the shore platoon and other elements of the Shore Party Team as they are required.

.6 ____ Marks beach. (KI)

.7 ____ Establishes a wire communications loop to all field dumps in the BSA.

.8 ____ Installs beach matting, as required.

.9 ____ Establishes straggler collection points.

.10 ____ Removes obstacles in the BSA which are hazardous to shore party operations.

.11 ____ Constructs and maintains beach lateral and exit roads.

.12 ____ Establishes and operates information centers to assist units which have landed.

.13 ____ Controls traffic in the BSA.

.14 ____ Maintains communications with both the surface and heliborne assault units and the TACLOG.

.15 ____ Marks limits of the beach unloading points.

.16 ____ Designates and marks appropriate landing sites for helicopters.

.17 ____ Locates and establishes multiple class supply dumps, including amphibious assault fuel facilities.

.18 ____ Assists units in landing and moving a cross beaches.

.19 ____ Establishes lateral communications between beaches and helicopter landing zones.

.20 ____ Marks contaminated portions of the BSA and decontaminate those areas that are essential for use.

.21 ____ Establishes casualty and EPW evacuation stations.

.22 ____ Provides emergency maintenance and de-waterproofing facilities for equipment landed in the waterborne assault.

.23 ____ Maintains a continuous record, by category, of units, equipment, amounts of supplies landed and a record of serials landed.

.24 ____ Coordinates the movement of amphibious vehicles unloading supplies from beached landing craft, ships, and helicopters.

.25 ____ Coordinates the movement of amphibious vehicles carrying supplies to inland dumps or using units.

.26 ____ Provides local security and coordination of the BSA.

.27 ____ Initiates, as directed by higher headquarters, civil affairs and military/Government activities in the BSA.

.28 ____ Establishes and maintains (as part of the overall lending force security system) a system to warn of air, ground, and nuclear, biological, and chemical (NBC) attacks within the BSA.

.29 ____ Provides graves registration services, as directed.

.30 ____ Rearms and refuels aviation assets, as required.

.31 ____ Loads helicopters with supplies for further delivery inland.

.32 ____ Selects, upon the recommendation of the naval element, locations of causeways and slots or ramps for the landing of ships and craft,

.33 ____ Installs and operate bulk fuel facilities.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

BEACH MARKERS

Beaches should be marked with, at a minimum, the following:

1. Color/number beach
2. Obstructions

3. Helicopter landing sites
4. Casualty evacuation points
5. Duds
6. Exits
7. Supply routes
8. LOC’s
9. Landing ships and landing craft points

TASK: 6C.5.6 CONDUCT HELICOPTER SUPPORT TEAM (HST) OPERATIONS

CONDITION(S): The MEF is conducting an amphibious. operation. When CSS buildup is required ashore, the concept of CSS requires HST’s to be formed from FSSG assets to support the heliborne assault phase of an amphibious assault.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes EPW compounds, as required.

.2 ____ Establishes traffic control points within the BSA, as required.

.3 ____ Constructs helicopter lending points, as required.

.4 ____ Prepares, maintains, and marks landing sites to include the installation of wind direction indicators.

.5 ____ Reconnoiters and selects areas adjacent to lending sites for supply dumps and other CSS installations, HST command posts, casualty evacuation stations, and defensive positions.

.6 ____ Establishes dumps and provides for their security.

.7 ____ Marks dump locations within the LZSA.

.8 ____ Issues supplies to using units.

.9 ____ Maintains necessary records of supplies received, issued, and available

.10 ____ Participates in local security, as required.

.11 ____ Coordinates all requests for support, and establishes and maintains communications with the TACLOG of the GCE.

.12 ____ Evacuates salvageable material in accordance-with annex D (tab as appropriate).

.13 ____ Establishes internal communications within the LZSA, Linking landing points and dumps.

.14 ____ Lending Zone Platoon retrieves supplies landed or dropped with heliborne assault troops.

.15 ____ Coordinates all requests for support and establishes communications with the RLT TACLOG.

.16 ____ Controls all requests for landing on-call and nonscheduled service support serials.

.17 ____ Prepares to organize and function per the operations plan.

.18 ____ Maintains communications with LFSP.

.19 ____ Directs and controls helicopter operations within the landing zone, and supports helicopter units lending in the zone.

.20 ____ Loads and unloads helicopters.

.21 ____ Loads cargo nets, pallets, and casualties for the return trip.

.22 ____ Maintains necessary records of supplies received, issued, and available (serials landed).

.23 ____ Provides and installs means of marking unloading sites and avenues of approach for night operations.

.24 ____ Provides personnel and vehicle ground control.

.25 ____ Maintains a situation map and information center

.26 ____ Provides emergency helicopter repair and refueling facilities.

.27 ____ Coordinates operations with other HST's.

.28 ____ Maintains liaison with troops being supported.

.29 ____ Plans and organizes LZSA's.

.30 ____ Evacuates enemy prisoners of war (EPW's).

.31 ____ Rigs/unrigs all loads in or out of the LZSA.

.32 ____ Performs fire fighting duties for landings and takeoffs.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.5.7 CONDUCT AIR DELIVERY OPERATIONS

CONDITION(S): The MEF is conducting an amphibious operation. The FSSG is providing CSS to the MEF. The lending support battalion has been tasked to provide sir delivery support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Positions air delivery facilities to best support operations. (KI)

.2 ____ Determines and obtains the transportation support required to conduct air delivery operations (prime movers, flat bed trailers, MRS, etc.).

.3 ____ Determines and obtains the supply support required to conduct air delivery operations (energy dissipating material, lumber, plywood, etc.).

.4 ____ Determines and obtains the communications support required to conduct air delivery operations.

.5 ____ The FSSG commander determines whether air delivery is the appropriate mode of transportation. (KI)

.6 ____ Advises the FSSG commander on the method and type of airdrop to be utilized. (KI)

.7 ____ Provides assistance in training supported units on the operation and marking of drop zones, and the recovery and evacuation of airdrop equipment from the drop zone.

.8 ____ Provides technical assistance to other units involved in parachute operations, as required.

.9 ____ Coordinates air delivery operations with the supported units, ACE and/or other air components, and the supporting aircraft.

.10 ____ Receives, stores, and rigs air delivered supplies and equipment in accordance with appropriate procedures.

.11 ____ Conducts joint airdrop inspections for the pre/post-loading of airdrop loads.

.12 ____ Prepares rigged airdrop loads for movement to the aircraft.

.13 ____ Assists in the loading of supplies and equipment into aircraft, and provides auxiliary personnel to aid flight crews in the performance of the airdrop mission, as required.

.14 ____ Ensures rigging equipment is recovered from the supported unit upon completion of the airdrop mission.

.15 ____ Performs organizational and intermediate levels maintenance on airdrop equipment to include personnel/cargo parachutes and platforms.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

POSITIONING AIRDROP FACILITIES

The following factors should be considered when establishing airdrop facilities:

1. Positioning the air delivery platoon at an airfield capable of conducting fixed-wing operations (in most cases).

2. Adequate storage/operating sites at or near the departure airfield (the platoon requires 80,000 square feet of covered area to operate efficiently.)

3. Electrical power to operate the sewing machines, lighting, tools, and fans used in the repair and packing of parachutes and airdrop equipment.

4. Establishment of special sites for the rigging and storage of ammunition and POL airdrop loads.

DETERMINING THE APPROPRIATENESS OF AIR DELIVERY

The following factors should be considered when determining if air delivery is the appropriate mode of transportation:

1. Suitability of items for airdrop.

2. Suitability/availability of airdrop sites.

3. Availability, range, and capacity of aircraft assets.

4. Elements of METT-T and local air superiority at the airdrop sites.

5. Availability of airdrop equipment and trained personnel.

6. The requirement to achieve rapid buildup/resupply of large quantities of supplies and equipment.

7. Determine if ground or helicopter external lift assets can satisfy the requirements more efficiently.

METHODS AND TYPES OF AIRDROP

Recommendations on the methods and types of airdrop to be used should be based on the following:

1. METHODS OF AIR DELIVERY

   a. Free Drop. The delivery of supplies and equipment from an aircraft in flight without the use of parachutes or retarding devices. Can only be used for items such as fortification and barrier material and clothing in bales. The load will descend at rate of 130 to 150 feet per second.

   b. High Velocity. The delivery of supplies and equipment in containers using cargo extraction, ring slot, or pilot parachutes to stabilize it during the drop. Can be used for items such as subsistence items, packaged POL products, and ammunition. The load will descend at rate of 70 to 90 feet per second.

   c. Low Velocity. The delivery of supplies and equipment in a container or cargo platform using cargo parachutes to stabilize it during the drop. Can be used for fragile material, vehicles, artillery pieces, and engineer equipment. The load will descend at rate of no more than 30 feet per second.

   d. Low Altitude Parachute Extraction System (LAPES). The delivery of supplies and equipment from a C-130 aircraft flying at an altitude of 5 to 10 feet from the ground. Parachutes extract specifically prepared platforms which slide down the EZ until the stop. Can be used to deliver vehicles, engineer equipment, artillery pieces, supplies, fuel, and water.

   e. High Altitude Low Opening (HALO). The delivery of supplies and equipment from an aircraft that must fly above the threat envelope. The equipment is in special containers with an altitude sensing device. At a predetermined altitude, the main cargo parachute opens and the load descends at a rate of 24 to 30 feet per second. Can only be used for small containers with a maximum capacity of 2,000 pounds.

2. TYPES OF AIR DELIVERY

   a. Scheduled. Planned loads delivered to a specific unit at a specific time.

   b. Nonscheduled. Nay be planned (pre-rigged and pre-staged, but no designated time and place) or unplanned (not scheduled or planned).

TASK: 6C.5.8 CONDUCT TRAFFIC MANAGEMENT OPERATIONS

CONDITION(S): The MEF is conducting an amphibious operation. The FSSG is providing CSS to the MEF. The landing support battalion has been tasked to provide traffic management support to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates incoming freight shipments.

.2 ____ Coordinates outgoing freight shipments.

.3 ____ Coordinates incoming passenger transportation.

.4 ____ Coordinates outgoing passenger transportation.

.5 ____ Coordinates shipment of human remains and unaccompanied baggage.

.6 ____ Provides freight expediting at specific locations within the MAC channel.

.7 ____ Builds 463L pallets, as required.

.8 ____ Contracts for commercial support, as required.

.9 ____ Ensures the custody and centralized control over all outbound shipments from the time shipment is released to the TMO for the arrangement of transportation until the shipment is accepted by the port.

.10 ____ Prepares transportation control movement documents (TCMD's) and other supporting documentation.

.11 ____ Provides technical supervision over the loading and unloading of military impedimenta.

.12 ____ Maintains familiarity and ensures compliance with local laws, regulations, and restrictions that may be imposed.

.13 ____ Arranges for the routing of passengers traveling by air.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6C.6 MOVEMENT CONTROL OPERATIONS

TASK: 6C.6.1 OPERATE A UNIT MOVEMENT CONTROL CENTER (UMCC)

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. The FSSG has task organized a unit movement control center (UMCC) to monitor and coordinate deployment preparations for the FSSG.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates sourcing of personnel and equipment, and identifies shortfalls to the MEF commander.

.2 ____ Coordinates organic transportation and the assets necessary for marshaling and staging of units.

.3 ____ Reports transportation and MHE shortfalls/excesses to the LMCC.

.4 ____ Provides support to deploying forces in meeting movement schedules (augmentation, embark personnel for pre-inspections, transport, MHE, etc).

.5 ____ Provides deployment readiness reports, as required.

.6 ____ Supervises preparation of equipment, supplies, and personnel for deployment.

.7 ____ Coordinates with the base/station operational support group (BOSG/SOSG) for turnover of remain behind equipment, garrison property and facilities, and recovery and disposition of all personal property not deployed.

.8 ____ Requests transportation and MHE support required for marshaling and staging from the parent command or LMCC, as required.

.9 ____ Coordinates transportation and MHE support required for movement to the POE with the LMCC.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.6.2 OPERATE A LOGISTICS AND MOVEMENT CONTROL CENTER (LMCC)

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. The FSSG has task organized a logistics and movement control center (LMCC) to monitor and coordinate the preparation for deployment and movement of MEF units.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes communications with the force movement control center (FMCC), readiness movement coordination centers (RMCC's), other movement control agencies, ports of embarkation (POE's), and ports of debarkation (POD's) for timely and accurate reporting and coordination.

.2 ____ Ensures the ability to purchase and contract services from local sources.

.3 ____ Provides technical assistance to deploying units.

.4 ____ Inspects deploying personnel, supplies, and equipment to ensure deployment preparations have been completed in accordance with requirements.

.5 ____ Ensures initial movement plans comply with the embarkation plan.

.6 ____ Coordinates and consolidates initial movement plans and promulgates a movement order.

.7 ____ Coordinates support (messing, billeting, maintenance, medical, and supply) due to sudden schedule changes beyond control of the deploying commander and not provisioned in the initial movement plan.

.8 ____ Obtains motor transportation and MHE support from FSSG, wing, division, base, station, commercial, other services, host nation, or other sources.

.9 ____ Coordinates and allocates resources to support movement to and staging at unit marshaling areas, POE's, POD's, and other required locations.

.10 ____ Coordinates and monitors DACG, AACG, POCG, railhead, or other movement support organization operations at POE's and POD's.

.11 ____ Provides the FMCC with the appropriate movement reports, as directed.

.12 ____ Provides an LMCC forward to assume the functions of the LMCC at the forward location.

.13 ____ Establishes relationships with theater movement support agencies and other MEF FMCC's, as required, to access other service, host nation, and commercial sources of support.

.14 ____ Provides an LMCC rear to ensure movement coordination for remaining forces.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.6.3 CONDUCT DEPARTURE AIRFIELD CONTROL GROUP (DACG) OPERATIONS

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. Elements of the MEF will move to the area of operation using joint airlift. The FSSG has been tasked to provide a departure airfield control group (DACG) at the departure airfield.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes departure airfield operational areas in coordination with the Military Airlift Command (MAC) air lift control element (ALCE).

.2 ____ Maintains liaison with the deploying unit and the aerial port section of the MAC ALCE.

.3 ____ Briefs all key personnel on the sequence of events and the airfield operational area.

.4 ____ Briefs all personnel on flight line safety, driving, procedures, smoking rules, and all other local applicable requirements.

.5 ____ Provides key personnel participating in the operation with distinctive markings to aid in coordination.

.6 ____ Ensures that support equipment, MHE, fire protection equipment, POL, food service, inspection area, lighting, first aid, weighing devices, and pusher vehicles are available, as required.

.7 ____ Provides a sufficient number of loading teams (with at least one pusher vehicle and driver per team) to accomplish the mission.

.8 ____ Arranges with the ALCE for technical assistance to be provided to the deploying unit, as required.

.9 ____ Ensures that the deploying unit adheres to the timetables established by the ALCE.

.10 ____ Maintains statistical data to account for the current status of all unit personnel and equipment scheduled for air movement.

.11 ____ Establishes communications between the alert holding area, call forward area, deploying unit command post, and the air operations center (AOC).

.12 ____ Establishes communications between the AOC and the deploying unit command post.

.13 ____ Calls aircraft loads forward from the marshaling area to the alert holding area and assumes control of the loads from the deploying unit.

.14 ____ Receives, inventories, and inspects aircraft loads as they arrive at the alert holding area, ensuring that they are complete and correctly prepared, and that the required shoring, floor protection materials, and 463L pallet dunnage are available.

.15 ____ Establishes a discrepancy correction area.

.16 ____ Inspects documentation/manifests for accuracy and completeness.

.17 ____ Ensures passengers are accounted for and available.

.18 ____ Provides emergency maintenance, POL (to include refueling and defueling capabilities), and related services, as required.

.19 ____ Directs the aircraft loads to the call forward area.

.20 ____ Assists in the joint inspection of aircraft loads and manifests.

.21 ____ Ensures that discrepancies found during the joint inspection are corrected and informs those units waiting in the alert holding area to eliminate the same discrepancies.

.22 ____ Reassembles aircraft loads with the assistance of the ALCE and prepares manifest changes, as required.

.23 ____ After loads have passed inspection, escorts loads to the ready line and segregates by loads.

.24 ____ Transfers control of the aircraft load to the ALCE at the ready line.

.25 ____ Monitors the loading of the aircraft.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.6.4 CONDUCT ARRIVAL AIRFIELD CONTROL GROUP (AACG) OPERATIONS

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. Elements of the MEF have moved to the area of operation using joint airlift. The FSSG has been tasked to provide an arrival airfield control group (AACG) at the arrival airfield.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes arrival airfield operational areas in coordination with the Military Airlift Command (MAC) airlift control element (ALCE).

.2 ____ Maintains liaison with the deploying unit and the MAC ALCE representative.

.3 ____ Briefs all key personnel on the sequence of events and the airfield operational area.

.4 ____ Briefs all personnel on flight line safety, driving procedures, smoking rules, and all other local applicable requirements.

.5 ____ Provides key personnel participating in the operation with distinctive markings to aid in coordination.

.6 ____ Ensures that support equipment, MHE, fire protection equipment, POL, food service, inspection area, lighting, first aid, weighing devices, and pusher vehicles are available, as required.

.7 ____ Provides a sufficient number of offload teams (with at Least one pusher vehicle and driver per team) to accomplish the mission.

.8 ____ Establishes communications between the offloading ramp area, holding area, and the unit area.

.9 ____ Coordinates with the ALCE for the recovery and storage of shoring materials, tie-down equipment, and 463L pallets.

.10 ____ Ensures that a copy of the passenger and cargo manifest is received from the planeload or troop commander of the deploying unit.

.11 ____ Accepts each aircraft load from the ALCE at the established release point.

.12 ____ Provides facilities as determined during the joint planning conference.

.13 ____ Maintains records on personnel and equipment received and cleared.

.14 ____ Releases aircraft load to the deploying unit commander or his representative at a predesignated location.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6C.6.5 CONDUCT PORT OPERATIONS CONTROL GROUP (POCG) OPERATIONS

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area. Elements of the MEF will move to the area of operation using amphibious shipping. The FSSG has been tasked to provide a port operations control group (POCG) at the sealift port of embarkation (SPOE).

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes port operational areas in coordination with the LMCC.

.2 ____ Maintains liaison with the deploying unit, the LMCC, Navy port operations officer, or other port officials.

.3 ____ Maintains statistical data to identify fiscal requirements for payment of wharfage and port handling costs.

.4 ____ Briefs all key personnel on the sequence of events and the port operational area.

.5 ____ Provides loading equipment, dunnage, and other loading aids as agreed upon during pre-embarkation planning.

.6 ____ Provides technical assistance, emergency maintenance, fueling/defueling capabilities, and other related services as determined necessary by the LMCC to accomplish the mission.

.7 ____ Develops ground traffic patterns within the SPOE.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6C.7 EMBARKATION OPERATIONS

TASK: 6C.7.1 PLAN/PREPARE FOR EMBARKATION

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area and will deploy via amphibious shipping and Joint airlift. The FSSG has alerted its units to plan and prepare for embarkation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Plans embarkation in accordance with the appropriate embarkation SOP.

.2 ____ Prepares lift requirements manually or via automated systems.

.3 ____ Prepares embarkation staff estimates.

.4 ____ Prepares detailed ship loading plans manually or via automated systems.

.5 ____ Prepares detailed aircraft loading plans manually or via automated systems.

.6 ____ Develops sealift embarkation plan.

.7 ____ Develops air movement plan.

.8 ____ Prepares supplies and equipment for embarkation via sealift and airlift. (KI)

.9 ____ Prepares and documents hazardous material for transportation.

.10 ____ Inspects supplies and equipment prepared for embarkation.

.11 ____ Requests MHE support in the assembly area and POE's.

.12 ____ Requests ground transportation support from the assembly area to the POE's.

.13 ____ Requests communications, contact maintenance, traffic control, security, messing, utilities, or other services, as required, to conduct embarkation operations.

.14 ____ Prepares embarkation training plans.

.15 ____ Prepares accurate and complete embarkation manifests.

EVALUATOR INSTRUCTIONS: The above standards are general guidelines. The conduct of planning and preparing for embarkation should comply with local SOP's and directives from higher headquarters.

KEY INDICATORS:

PREPARATION OF SUPPLIES AND EQUIPMENT FOR EMBARKATION

.1 ____ Preparation of Supplies.

a. Maintain uniformity in crate, box, and other container pallet sizes.

b. Pallet/lift configuration should also land itself to over-storage through the use of dunnage, if required.

c. Pack different types of supplies separately. Only related items are packed in the same box.

d. Pad and strengthen containers containing fragile items.

e. Waterproof boxes or crates containing items subject to moisture deterioration.

f. Apply corrosion prevention materials or other appropriate preservatives to items requiring such protection.

g. Use tactical markings to indicate to whom Class II and IX supplies belong.

h. Use content markings to indicate UP&TT line number and the consecutive number assigned the specific box or container.

i. Use stowage designation markings.

.2 ____ Preparation of Equipment.

a. Vehicles and equipment should be prepared without diminishing their combat capability.

b. All vehicles and equipment will be properly marked.

c. Vehicles will be inspected to ensure the satisfactory condition of all required on-vehicle equipment, spare tools, and lifting equipment.

d. Fuel, lubricating, cooling, and ignition systems will be checked and tire pressure will be inflated to the specified loading pressure.

e. Remove vehicle bows and stow in cargo bed. Spread canvas covers over cargo.

f. Ensure vehicle height reductions are accomplished, gas required.

g. Ensure equipment is properly weighed and the center of balance properly computed for all equipment over 10 feet long.

h. Cargo loaded within the vehicle must not exceed the height of the side racks, be properly secured, and the combined weight of the vehicle and the cargo must not exceed the specified weight limit.

i. Vehicles to be landed across the beach should be equipped with fording equipment, as required.

j. Vehicle windshields will be crated and lowered, as required.

k. Fuel tanks will be filled or emptied according to regulations governing embarkation of rolling stock aboard ship and aircraft.

l. Placards with the words "FUEL IN TANK/FUEL TANK EMPTY" will be positioned in the vehicle right front window IAW MCO P4030.19.

TASK: 6C.7.2 CONDUCT EMBARKATION OPERATIONS

CONDITION(S): The MEF has been tasked to conduct combat operations in an overseas area and will deploy via amphibious shipping and joint airlift. The FSSG has completed its planning and preparation and is conducting embarkation operations.

STANDARDS: EVAL: Y; N; NE

.1 ____ Executes embarkation training plans.

.2 ____ Executes embarkation plans.

.3 ____ Coordinates MHE in the assembly area and POE's.

.4 ____ Coordinates ground transportation from the assembly area to the POE's.

.5 ____ Coordinates communications, contact maintenance, traffic control, security, messing, utilities, or other services support, as required, to conduct embarkation operations.

.6 ____ Coordinates with appropriate movement control agencies (UMCC. LMCC, DACG, AACG, POCG), as required.

.7 ____ Loads ships.

.8 ____ Loads aircraft.

EVALUATOR INSTRUCTIONS: The above standards are general guidelines. The conduct of embarkation should comply with local SOP's and directives from higher headquarters.

KEY INDICATORS: None.

SECTION 6D

GENERAL ENGINEERING SUPPORT

ENCLOSURE (1)

TABLE OF CONTENTS

ENCLOSURE (1)

INTRODUCTION:

This section contains three interrelated MPS's for general engineering for FSSG units involved in providing engineer support to elements of a MEF. The MPS's in this section are:

6D.1 GENERAL ENGINEERING
6D.2 SUPPLY FUNCTIONS DONE BY ENGINEERS
6D.3 ENGINEER COMBAT SUPPORT

The tasks and standards contained in these MPS's were designed to cause FSSG engineer support personnel to consider all aspects of engineer support to include the integration and coordination of their efforts to ensure the MEF commander's critical engineering needs are accomplished on a priority basis. It is recognized that some of the tasks included in these MPS's would normally be the responsibility of engineer units of the Marine division or aircraft wing. However, these tasks must be trained as the engineer support battalion may be called upon to perform these tasks in the absence of division/wing engineer units.

The tactical scenario may be such that not all tasks are planned to be or can be evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. It is anticipated that commanders will evaluate these areas during the course of subsequent training opportunities.

6D.1 GENERAL ENGINEERING

TASK: 6D.1.1 PLAN GENERAL ENGINEERING SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun general engineering support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Provides input to the CSS estimate of supportability.

.2 ____ Develops plans based on procedures contained in the FSSG SOP.

.3 ____ Identifies engineer support requirements based on the assigned mission. (KI)

.4 ____ Determines engineer intelligence and combat information requirements.

.5 ____ Requests maps, aerial photographs, and special topographical products on the area of operations.

.6 ____ Submits recommendations on the employment of engineers.

.7 ____ Coordinates the development of engineer tasking based on the commander’s guidance and assigned priorities.

.8 ____ Identifies any cross-decking requirements.

.9 ____ Issues a warning order to subordinates and begins detailed planning.

.10 ____ Requests information on the availability of local resources, sources of supply, and procedures to acquire needed materials and equipment.

.11 ____ Gathers available information on bridges, tunnels, rafts, ferries, and fords in the area of operations to determine their classification, and/or coordinates a reconnaissance effort to collect the information. (see TASK: 6D.1.2 Conduct Engineer Reconnaissance).

.12 ____ Calculates the type and amount of class IV and V supplies required to support engineer efforts.

.13 ____ Prepares sketches and detailed plans on assigned engineer tasks.

.14 ____ Coordinates equipment augmentation requirements.

.15 ____ Coordinates movement of engineer assets.

.16 ____ Determines the requirement to prepackage standard loads of class IV materials such as palletizing pickets, barbed wire, and mines necessary to lay a 100 meter minefield.

.17 ____ Identifies any beach improvement/preparation work, calculates the time and support required, ensures personnel and equipment are landed early to accomplish the task, and conducts the necessary staff coordination.

.18 ____ Coordinates the location of planned helicopter lending zones, required staging areas, fueling areas, taxi areas, and anticipated numbers of helicopters.

.19 ____ Coordinates the location of vertical take off landing (VTOL) facilities or multiple VTOL pads, time requirements, security, required parking areas, required markings, materials, and equipment.

.20 ____ Determines the degree of soil preparation required for HLZ’s and VTOL sites.

.21 ____ Coordinates provisions for the employment of explosive ordnance disposal support.

.22 ____ Plans for the clearing of vehicle lanes through minefields ensuring standard procedures are used to mark the entrance and exit points.

.23 ____ Provides for beach minesweeping operations.

.24 ____ Identifies any requirements for expedient road surfacing and determines equipment/material requirements.

.25 ____ Provides advice in regards to any planned obstacle breach including techniques, procedures, personnel, and equipment required.

.26 ____ Schedules a rehearsal of procedures for advanced demolition techniques and actions and responsibilities for general demolitions and obstacle removal which should be contained in the engineer unit SOP.

.27 ____ Develops a counter mobility plan and integrates the plan into the overall FSSG defensive plan.

.28 ____ Prepares sketches, diagrams, and specifications required for the construction of protective shelters, emplacements, etc.

.29 ____ Identifies mobile electrical power (MEP) requirements.

.30 ____ Identifies water requirements.

.31 ____ Identifies hygiene services requirements.

.32 ____ Identifies organic bulk fuel storage requirements.

.33 ____ Prepares engineer documents to be included in the supported unit’s operation plan.

.34 ____ Identifies required reports, specific formats, and forms to use.

.35 ___ Provides for maintenance and repair of airfield facilities to include rapid runway repair (RRR).

.36 ____ Provides for location, receipt, repair, and operation of captured enemy equipment end/or locally required civilian equipment.

.37 ____ Plans for and provides topographic support and survey support.

.38 ____ Provides for preparation of fire support areas/bases.

.39 ____ Provides for construction and maintenance of short airfield for tactical support (SATS) and expeditionary airfields.

.40 ____ Provides for maintenance and repair of VIOL sites and HLZ’s.

.41 ____ Provides for construction and maintenance of standard and nonstandard bridges.

.42 ____ Provides for wet/dry gap crossing (i.e., ribbon bridging, ribbon bridge rafting, and MGB).

.43 ____ Responds to MEF missions by planning for the efficient use of engineer assets. (KI)

.44 ____ Possesses and conducts operations per an operations SOP.

.45 ____ Maintains up-to-date data on all engineer assets and facilities.

.46 ____ Prepares engineer support input to the CSS estimate of supportability.

.47 ____ Prepares engineer appendix to the CSS annex of the landing force operations plan.

.48 ____ Coordinates engineer planning with other MEF engineer forces.

.49 ____ Assigns formal missions to detached subordinate elements.

.50 ____ Possesses and functions by an SOP for engineer support operations.

EVALUATOR INSTRUCTIONS: Refer to FMFM 3-1 and FMFM 4-4

KEY INDICATORS:

ENGINEER SUPPORT REQUIREMENTS

Engineer support requirements include:

1. Engineer reconnaissance.
2. Construction.
    a. Field fortifications
    b. Protective structures
    c. Storage and maintenance facilities
    d. Utilities
    e. HLZ's.
3. Repair and maintenance of constructed facilities.
4. Equipment support.
5. Technical assistance in developing CSS facilities.
6. Beach preparation.
7. Development of routes of communications.
8. Demolitions and obstacle removal.
9. Explosive and nonexplosive obstacles.

PLANNING

Some plans which the engineer support section should be concerned with are:

1. Mobile electric power plan.
2. POL storage and distribution plan.
3. Water production and distribution plan.
4. Barrier plan.

These may be separate appendices or annexes included in the body of the operations plan/order.

TASK: 6D.1.2 CONDUCT ENGINEER RECONNAISSANCE

CONDITION(S): The FSSG has been tasked to conduct an engineer reconnaissance of specified routes and areas for the purpose of determining the main supply route. Times are established for the reconnaissance itself and for report submission. The supported unit will provide security for the engineers.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the mission and receives commander's guidance.

.2 ____ Coordinates with staff officers of the supported unit, particularly the G/S-3, to determine the specifics of the task, desired report format, and any other special instructions.

.3 ____ Requests available information on the area and any special topographical products or aerial photography available from the G/S-2.

.4 ____ Gathers plans, charts, drawings, and blueprints of facilities, ports, airfields, and underground facilities.

.5 ____ Gathers information on enemy engineer activity.

.6 ____ Coordinates security and fire support with the supported unit.

.7 ____ Uses phase lines, checkpoints and other control measures, as required, to coordinate the reconnaissance effort.

.8 ____ Identifies personnel and any special equipment required to conduct the reconnaissance.

.9 ____ Issues an order to subordinates and conducts a briefing using sand table, sketches, and other available visual aids.

.10 ____ Inspects participating personnel to ensure all required material, weapons, and equipment are on hand and serviceable.

.11 ____ Gathers general engineering information on the designated area; i.e., location of construction materials and natural resources.

.12 ____ Using six digit UTM coordinates, determines the location, quantity available, quality, and accessibility of resources.

.13 ____ Reconnoiters all bridges in the area. (KI)

.14 ____ Determines best fords. (KI)

.15 ____ Locates route constrictions such as underpasses, especially those below minimum standards, and if appropriate, the distances such restrictions extend.

.16 ____ Determines the weight bearing capacity of ice, danger imposed by ice flow, and traction problems if conducted during cold weather.

.17 ____ Identifies the locations and limiting dimensions of tunnels to include suitable bypasses.

.18 ____ Evaluates the soil condition along the route, and determines improvements required (work estimates).

.19 ____ Reviews available area studies to identify information not covered or outdated.

.20 ____ Confirms location of routes that are represented on the standard 1:50,000 military maps. (KI)

.21 ____ Prepares a simple map overlay pointing out errors, improvements to routes, and omissions on the standard tactical map sheets. (KI)

.22 ____ Prepares a report (DA Form 1711-R) which contains the requisite information using standardized formats, military map symbols, hasty route reconnaissance symbols, and work estimates on reverse side. (KI)

.23 ____ Debriefs personnel who conducted the reconnaissance.

.24 ____ Completes the mission within the time allotted.

.25 ____ Summits the written report in a timely manner.

.26 ____ Identifies lIkely enemy obstacle locations.

.27 ____ Provides detailed information on all obstacles. (KI)

.28 ____ Identifies routes, existing obstacles, and minefield locations.

.29 ____ Identifies suitable locations for employment of FASCAM (i.e., ADAMS and RAAM).

.30 ____ Identifies location and capacity of potential HLZ (to include lakes during winter months).

.31 ____ Identifies suitable location, types of water, POL, and fuel supply points.

.32 ____ Identifies location, type, and capacity of local engineer equipment, electrical power sources, and construction materials.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

BRIDGES

Reconnaissance of bridges should include information concerning as many of the following areas as possible:

1. Classification data.
2. General description and orientation.
3. Component dimensions.
4. Available bypasses.
5. Defensibility of surrounding terrain.
6. Maintenance requirements.
7. Velocity and width of stream.
8. Underwater supports and abutments.
9. Obstacles protecting the supports.

FORDS

Selecting the best site to conduct fording operations requires an analysis of the river bottom (i.e., firm, soft, etc.), identification of entry and exit points, required development/maintenance. available concealment, slope, velocity, and width of stream, indications of the affects of rain on drainage, and surrounding terrain considerations.

CONFIRMING LOCATION OF ROUTES

Emphasis must be placed on ensuring that maps and charts are annotated to reflect what is missing; i.e, what was not known before reconnaissance.

OVERLAY

The overlay contains the following markings:

1. Two grid references, magnetic north arrow, scale of map used, title block Route classification formula.
2. Width: narrowest width of the route (in meters or feet).
3. Route type: determined by worst section of route, X is all-weather (surfaced road), Y is limited all weather (gravel or unsurfaced road), and Z is fair weather (rough trail).
4. Military route classification: lowest one way bridge load classification.
5. Obstructions: note any type including amount of reduction to traffic flow.

Special conditions: snow blockage (T), and flooding are marked if conditions are persistent, but passage is possible.

DA FORM 1711-R

The importance of submitting the contents of DA form 1711-R in a timely fashion cannot be over emphasized, Rapid dissemination of intelligence gathered from reconnaissance is vital to overall mission success.

OBSTACLE DESCRIPTIONS

Obstacles, whether existing (natural or artificial) or reinforcing obstacles, including large areas containing NBC contamination, must be carefully described by type, Limits, and recommendations as to whether bypass or in-stride breach is warranted.

TASK: 6D.1.3 CONSTRUCT, IMPROVE, AND MAINTAIN AIRFIELDS

CONDITION(S): The supported unit has control of a small airfield that requires expansion to accommodate U.S. Marine Corps and other aviation assets. The airfield has a single runway 4,000 feet long and 100 feet wide with a single parallel taxiway 50 feet wide. There is also presently ramp space available for one large (C-141/C-5) transport type aircraft and six fixed-wing fighter/attack type aircraft. The supported unit has requested engineer support to extend the runway to 8,000 feet, and to expand the ramp space to accommodate one fixed-wing squadron (F/A-18) and two large transport type aircraft. Aircraft operating from the forward operating base (FOB) will be conducting day/night and all weather operations. The anticipated time of usage is 6 months. Land clearing assets include demolitions, chainsaws, hand tools, and heavy equipment. The supported unit is responsible for security, and will provide working parties to augment the engineers.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the task and receives the commander’s guidance.

.2 ____ Coordinates with MEF command element concerning the intelligence, security, sortie rate, location, and markings required.

.3 ____ Calculates minimum airfield geometric requirements, runway, taxiway, and apron lengths and area.

.4 ____ Calculates the correct number and type of AM-2 matting packages (PAC’s) required.

.5 ____ Calculates the correct number and type of support PAC’s required.

.6 ____ Determines if the weight bearing capability of the present surfaces is sufficient for the aircraft that will operate from the FOB.

.7 ____ Conducts a reconnaissance of the site selected and conducts a field identification of the soil.

.8 ____ Task organizes the engineer unit.

.9 ____ Briefs staff and working crews.

.10 ____ Inspects troops for proper supplies, equipment, and/or explosives to construct the airfield.

.11 ____ Installs a drainage system structure.

.12 ____ Stabilizes the subgrade.

.13 ____ Obtains and places proper type and thickness of base course above subgrade.

.14 ____ Applies appropriate surface course.

.15 ____ Clears approach and departure zones of obstacles.

.16 ____ Clears overrun area of all obstacles.

.17 ____ Constructs minimum storage area for ordnance and fuel.

.18 ____ Constructs facilities for sanitation, water, and electricity.

.19 ____ Constructs access and service roads.

.20 ____ Clears the area of FOD.

.21 ____ Erects a wind sock.

.22 ____ Assists MWSG personnel with the installation and testing of airfield lighting and aircraft recovery equipment.

EVALUATOR INSTRUCTIONS: Evaluators are encouraged to modify the task conditions to take advantage of any terrain features or manmade improvements already in place at the airfield or site, or to provide some opportunity to perform the task. The idea is to evaluate the ability of the engineers to construct, or improve or modify any existing runway, taxiway, ramp. or structure to meet the requirements of the supported unit. The stated conditions are provided as a maximum capability scenario.

KEY INDICATORS: None.

TASK: 6D.1.4 CONSTRUCT AND MAINTAIN LANDING ZONES

CONDITION(S): The engineer support battalion has been tasked to construct a landing zone in approximately 36 hours capable of handling any U.S. Marine Corps helicopter. Land clearing assets include demolitions, chain saws, and hand tools. Heavy equipment is available, as required. The LZ is required for both day and night operations. The supported unit is responsible for security, and will provide working parties to agent the engineers.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the task and receives commanders guidance.

.2 ____ Coordinates with G-2/3 and ACE concerning intelligence, location of the LZ, security, anticipated number of helicopters, tonnage, requirement for storage area for externals and troops.

.3 ____ Conducts a reconnaissance of the site selected, and conducts a field identification of the soil.

.4 ____ Task organizes, briefs, and inspects troops for proper supplies, equipment, and/or explosives to construct the LZ.

.5 ____ Surveys the ground slope to ensure the slope does not exceed 10 percent.

.6 ____ Clears a 200 meter area as well as clearing approach and departure routes, and ensuring obstacles greater then 50 meters in height are removed.

.7 ____ Determines weight bearing ability of soil. (KI)

.8 ____ Determines if the surface will bear the wheel weight of the heaviest helicopter possible (CH-53E, 101 psi, 14,544 psf).

.9 ____ Stabilizes the soil to support the helicopter/AV-8 weight, if required.

.10 ____ Clears the area of FOD.

.11 ____ Orients approach/departure routes over the lowest obstacles.

.12 ____ Orients departure routes into the prevailing wind.

.13 ____ Clearly marks obstacles which cannot be removed.

.14 ____ Ensures the obstruction height at the edge of the clearing does not exceed 50 ft.

.15 ____ Uses explosives to rapidly fell trees and clear heavy undergrowth.

.16 ____ Uses available tools and equipment to clear small trees and brush; stumps are removed at ground level.

.17 ____ Determines storm run off and drainage using the hasty method, and constructs surface drainage structures if required.

.18 ____ Erects a wind sock.

.19 ____ Reports completion of lending zone and provides the unit with a sketch of the site.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

WEIGHT BEARING ABILITY

A minimum California Bearing Ratio (CBR) value of 8 to 10 percent at 3 inches below the surface is required for suitable surface hardness in the event operations in and out of unprepared site are required.

TASK: 60.1.5 CONSTRUCT AID MAINTAIN VTOL PADS

CONDITION(S): The engineer support battalion has been tasked to construct a VTOL site in order to allow for more rapid response. The task must be completed within 24 hours, prior to commencement of the attack. The AV-8's are sea-based and will operate from the forward site under visual meteorological conditions (VMC). The area selected is devoid of any existing roads, parking lots, existing airfields, etc.. Land bearing assets include demolitions, chain saws, and hand tools. Heavy equipment is available, as required. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the task and receives commander's guidance.

.2 ____ Coordinates with G/S-2/3 and ACE concerning intelligence, location of the LZ, security, anticipated number of helicopters, tonnage, requirement for storage area for externals and troops.

.3 ____ Conducts a reconnaissance of the site selected, and conducts a field identification of the soil.

.4 ____ Task organizes, briefs, and inspects troops for proper supplies, equipment, and/or explosives to construct the VTOL pad.

.5 ____ Surveys VTOL pad for maximum surface slope of 2 percent, and maximum shoulder slope of 5 percent.

.6 ____ Determines weight bearing ability of soil. (KI)

.7 ____ Stabilizes the soil, as required, to support the AV-8 weight.

.8 ____ Clears 150 feet beyond the edges of the landing pad for safe approaches.

.9 ____ Uses explosives to rapidly fell trees and clear heavy under growth.

.10 ____ Clears small trees and brush, and removes stumps at ground level.

.11 ____ Ensures the obstruction height at the edge of the clearing does not exceed 50 ft.

.12 ____ Clearly marks obstacles which cannot be removed.

.13 ____ Determines storm run off and drainage using the hasty method, and constructs surface drainage structures if required.

.14 ____ Prepares a 96'x96' VTOL pad, constructing a suitable surface plus a parking area for additional aircraft.

.15 ____ Clears the area of FOD.

.16 ____ Orients approach/departure routes over the lowest obstacles.

.17 ____ Orients departure routes into the prevailing wind.

.18 ____ Erects a wind sock.

.19 ____ Reports completion of landing zone and provides the unit with a sketch of the site.

.20 ____ Ensures proper anchorage and that the VTOL pad is certified for operations by the proper authority.

EVALUATOR INSTRUCTIONS: Criteria for the site are contained in the AV-8B Tactical Manual (NWP55-3-AV8B), Chapter 11.

KEY INDICATORS:

WEIGHT BEARING ABILITY

A minimum California Bearing Ratio (CBR) value of 8 to 10 percent at 3 inches below the surface is required for suitable surface hardness in the event operations in and out of unprepared site are required.

TASK: 6D.1.6 CONSTRUCT, IMPROVE, AND MAINTAIN ENCAMPMENT AND CSS FACILITIES

CONDITION(S): The supported unit has requested engineer support to construct an encampment and CSS facilities. The anticipated time of use is 2 weeks. The area must be capable of handling all facets of CSS functions. Land clearing assets include demolition, hand tools, chain saws, and heavy equipment. The supported unit is responsible for security and will provide working parties to augment the engineers.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the task and receives commander’s guidance.

.2 ____ Coordinates with the GIS-2/3 concerning intelligence, location of site, security, and other requirements.

.3 ____ Conducts a reconnaissance of the site selected.

.4 ____ Task organizes, briefs, and inspects troops for proper supplies, equipment, end/or explosives to construct the site.

.5 ____ Creates a barrier plan and installs barriers beyond the capability of supported unit.

.6 ____ Plans and constructs MSR’s.

.7 ____ Repairs and improves existing MSR’s.

.8 ____ Establishes water distribution points.

.9 ____ Plans and installs expedient drainage system.

.10 ____ Plans and constructs field sanitation facilities.

.11 ____ Establishes a shower point.

.12 ____ Establishes a laundry point.

.13 ____ Constructs a motor transport staging area.

.14 ____ Constructs a heavy equipment staging area.

.15 ____ Plans and installs a power distribution system.

.16 ____ Plans and constructs refueling points.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.1.7 CONDUCT BRIDGING OPERATIONS

CONDITION(S): The MEF is conducting tactical operations. The requirement to bridge multiple gaps has been identified. The engineer support battalion has a bridging capability, either a floating bridge, M4T6, or a medium girder bridge (MGB). The bridges must be installed at night or during periods of limited visibility. The planning time is limited.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the order and coordinates with the supported unit to receive guidance and arrange for a site reconnaissance.

.2 ____ Issues a warning order to subordinates.

.3 ____ Reviews essential elements of friendly information, and initiates immediate measures to reduce OPSEC indicators.

.4 ____ Coordinates with the G-2 to gather all available information to include weather and any information on the effects of rain on any stream that will be part of the gap to be crossed.

.5 ____ Ensures that a reconnaissance of the site is conducted. (KI)

.6 ____ Conducts a field soil analysis.

.7 ____ Performs a survey of the site.

.8 ____ Coordinates with the G3 to arrange site security.

.9 ____ Makes a recommendation as to whether to conduct ferrying operations or install a floating bridge based on the number of rafts, work required in men-hours for preparation of approach routes, water depth. length of the operation, and number of vehicles required to cross.

.10 ____ Organizes supported unit personnel to provide the necessary manpower.

.11 ____ Identifies personnel and equipment augmentation requirements; e.g., cranes and earth moving equipment.

.12 ____ Develops a plan which complies with commander’s guidance; allows for timely completion; provides for a sequenced arrival of bridging parts, supplies, and equipment to ensure dispersion at the bridge sight; and allows for the construction to occur in a tactical manner.

.13 ____ Coordinates with the G-3 to arrange logistical requirements, motor transport convoys, movement schedules, supply and maintenance support, and MP support.

.14 ____ Develops a schedule for staging, movement, site preparation, erection, inspection, and completion.

.15 ____ Coordinates the use of tactical deception during the various phases of the operations (planning, preparation, and construction of the bridge).

.16 ____ Conducts a detailed briefing of the plan to all key subordinates.

.17 ____ Utilizes a terrain model, sketch, and other visual aids when briefing the plan.

.18 ____ Ensures all personnel understand the plan and are cognizant of their duties and responsibilities.

.19 ____ Conducts an overall rehearsal during a period with the same expected light conditions if time permits.

.20 ____ Conducts an inspection of personnel, supplies, and equipment to ensure all equipment, supplies, and bridging parts are available, serviceable, loaded correctly, and all personnel understand all required aspects of the mission.

.21 ____ Conducts the movement of supplies equipment and personnel in a coordinated sequence which allows for the uninterrupted construction effort, yet avoids large concentrations.

.22 ____ Supervises and ensures an effective rate of construction.

.23 ____ Demonstrates the ability to complete construction of the bridge during periods of low visibility or darkness.

.24 ____ Employs tactical deception measures, in coordination with other MEF units, throughout the operation.

.25 ____ Completes the assigned task within the required time.

.26 ____ Designates a crossing area engineer and ensures appropriate tasks are planned and completed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RECONNAISSANCE

Bridge reconnaissance includes:

1. Determine the width of the gap required for the type of bridge or ferry.
2. Possibilities for concealment and cover.
3. Stream velocity.
4. Maximum slope of bank approaches.
5. Bank conditions.
6. Parking areas for equipment.
7. Identify any tide variations.

TASK: 6D.1.8 PROVIDE SPECIALIZED DEMOLITIONS BEYOND SUPPORTED UNIT'S CAPABILITIES

CONDITION(S): The engineer support battalion is tasked to destroy a target. A target file is available along with the engineer reconnaissance report. The required explosive materials are available. Security is provided by the supported unit.

STANDARDS: EVAL: Y; N; NE

.1 ____ Obtains the target reconnaissance report and determines how to best achieve the desired effect/damage the supported unit requires; e.g., move, destroy, or cut the object.

.2 ____ Analyzes the target to determine its construction, vulnerable points, and placement of charges.

.3 ____ Reviews Th 750-244-3 to determine various methods for disabling a tactical bridge.

.4 ____ Selects the proper types of explosive and priming material, and calculates the required amount of each.

.5 ____ Prefabricates demolitions, properly placing explosives and ensuring all charges are dual primed.

.6 ____ Places charges on a double story medium girder bridge which will destroy all four junction panels.

.7 ____ Places charges on both bank seat beams of a single story bridge so as to destroy the beams. The ramps may then be removed by hand.

.8 ____ Places charges on a ribbon bridge which will destroy the bay fasteners.

.9 ____ Places charges on a M4T6 floating bridge which will destroy the anchor systems and pontoons.

.10 ____ Ensures mines and mine obstacles are emplaced around the bridge to delay the enemy.

.11 ____ Tests fires system.

.12 ____ Detonates and achieves desired results and reports task completion to supported unit.

EVALUATOR INSTRUCTIONS: The targets should be rigged with simulated charges, and their placement verified. Standards for types of bridges or targets that are either not available or not part of the scenario should by marked NA by the evaluator.

KEY INDICATORS: None.

TASK: 6D.1.9 PROVIDE MOBILE ELECTRIC POWER SUPPORT

CONDITION(S): The engineer support battalion has been tasked to plan, construct, and operate a MEPS. The supported unit has assumed the defense, and the unit commander estimates the position will be occupied for at least 72 hours. Heavy support equipment is available for site preparation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines MEPS generator requirements.

.2 ____ Prepares a sketch, wire diagram, or other visual aid to assist in preparing the electrical distribution plan.

.3 ____ Properly matches generators to their loads.

.4 ____ Properly locates generator(s) for maximum efficiency (largest load nearest the generator set).

.5 ____ Ensures voltage drop at farthest load is within +/- 10 percent.

.6 ____ Constructs tactical emplacement of generators. (KI)

.7 ____ Properly grounds generator sets.

.8 ____ Inspects distribution systems for proper sized wire used for overhead distribution from the bus bar.

.9 ____ Ensures that where the overhead system crosses roadways, the wires are properly marked and have at least a 12 foot ground clearance.

.10 ____ Connects receptacles and other loads with the proper polarity.

.11 ____ Locates generator(s) for ease of access for refueling, servicing, or replacement.

.12 ____ Camouflages/conceals generator(s).

.13 ____ Performs preventive maintenance services daily, or as required.

.14 ____ Posts warning signs for high voltage.

.15 ____ Posts signs for noise hazard and provides personnel with hearing protection.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TACTICAL EMPLACEMENT OF GENERATORS

The tactical emplacement of generators should take into consideration the following:

1. Generators are dug in or well bermed to dampen noise and protect generators.
2. Each generator site has adequate space on all sides for ease of access for refueling, servicing, or replacement.
3. Soil under each generator site is firm, well drained, and free of flammables.
4. Camouflage nets or natural materials are used for concealment.

TASK: 6D.1.10 ESTABLISH A SHOWER POINT

CONDITION(S): The engineer support battalion has been tasked to plan, construct, and operate a shower point. The anticipated time of usage is 6 months. Heavy support equipment is available for site preparation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Locates shower point so it does not create a sanitation hazard.

.2 ____ Provides shower point with adequate drainage to control waste water and prevent contamination of natural streams, lakes, or other water sources.

.3 ____ Provides shower point with shelter for privacy and protection against the elements.

.4 ____ Utilizes an approved water source.

.5 ____ Utilizes water with a chlorine level residual between 3.0 and 5.0 ppm.

.6 ____ Covers water storage tank to prevent re-contamination.

.7 ____ Provides serviceable decking for the shower tent.

.8 ____ Keeps equipment clean and away from combustibles.

.9 ____ Performs daily preventive maintenance services.

.10 ____ Camouflages and conceals equipment, as required.

.11 ____ Positions equipment for ease of refueling, servicing, and/or replacement.

.12 ____ Ensures that adequate freeze protection measures are taken.

.13 ____ Provides adequate lighting and ensures protection from all electrical hazards.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.1.11 ESTABLISH A LAUNDRY POINT

CONDITION(S): The engineer support battalion has been tasked to plan, construct, and operate a laundry point. The anticipated time of usage is 6 months. Heavy support equipment is available for site preparation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Locates laundry point so it does not create a sanitation hazard.

.2 ____ Provides adequate drainage to control wastewater and prevent contamination of natural streams, lakes, or other water sources.

.3 ____ Provides overhead shelter to protect laundry unit.

.4 ____ Utilizes an approved laundry source.

.5 ____ Utilizes water containing a chlorine residual of at least 3.0 ppm.

.6 ____ Covers water storage tank to prevent re-contamination of water.

.7 ____ Properly grounds laundry unit.

.8 ____ Cleans up fuel spills when they occur on the laundry unit.

.9 ____ Locates generator at least 75 feet from the Laundry unit, or (if impracticable), provides personnel with hearing protection.

.10 ____ Maintains electrical connections, secure panels, and doors in place to prevent electrical accidents.

.11 ____ Provides laundry unit with a serviceable fire extinguisher.

.12 ____ Maintains 3 feet clearing from exhaust ducts to prevent ignition of combustibles.

.13 ____ Performs preventive maintenance services daily.

.14 ____ Keeps laundry unit and generator clean and uncluttered.

.15 ____ Posts hazardous noise signs around generators.

.16 ____ Adheres to laundry turn-in schedule to preclude overlap.

.17 ____ Maintains records of individual and bulk laundry receipt/issue.

.18 ____ Camouflages/conceals equipment, as required.

.19 ____ Positions equipment for ease of refueling, servicing, and/or replacement.

.20 ____ Ensures adequate freeze protection measures are taken.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.1.12 PROVIDE EOD SUPPORT

CONDITION(S): The MEF is conducting tactical operations. The engineer support battalion has been tasked to remove unexploded ordnance from a runway that has impeded air operations. The unexploded ordnance may be of a nuclear or chemical nature. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Locates, identifies, and renders safe all types of explosive ordnance, either friendly or foreign, conventional, improvised, chemical, or nuclear.

.2 ____ Categorizes all EOD incidents based on their threat to critical combat resources/facilities.

.3 ____ Disassembles and evaluates for technical intelligence, unknown or first seen foreign ordnance.

.4 ____ Conducts rapid runway clearance.

.5 ____ Conducts emergency destruction of nuclear weapons.

.6 ____ Disposes of unsafe explosive, chemical, nuclear, and biological ordnance.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6D.2 SUPPLY FUNCTIONS DONE BY ENGINEERS

TASK: 6D.2.1 PLAN AND CONDUCT BULK PETROLEUM SUPPORT FUNCTIONS [(CLASS III (W) AND CLASS III (A)]

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an amphibious operation against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun bulk fuel support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a site review and develops distribution system layout.

.2 ____ Develops fuel facility security plan.

.3 ____ Develops a petroleum quality assurance program.

.4 ____ Develops a spill plan contingency and countermeasure for petroleum facility.

.5 ____ Develops a fire prevention and response plan to support fuel site.

.6 ____ Develops internal facility field accounting controls (receipt, storage, and issue).

.7 ____ Identifies petroleum handling equipment requirements.

.8 ____ Compares distribution capabilities with the mission.

.9 ____ Identifies communication requirements beyond organic capabilities.

.10 ____ Identifies site preparation requirements for general engineering.

.11 ____ Identifies MHE requirements.

.12 ____ Advises the FSSG commander on petroleum related matters.

.13 ____ Coordinates with the ACE for custody transfers of aviation type fuel.

.14 ____ Coordinates with NSE (amphibious Seabees) to ensure adaptability, quality/quantity considerations, establishment of communications, and pumping order.

.15 ____ Establishes petroleum handling equipment capable of handling established requirements (DOS), receipt, dedrum, and storage (operating stock and safe levels), dispensing (bulk and individual/bulk reduction) within capability of equipment.

.16 ____ Conducts liaison with host nation or interservice source support as required by the MEF.

.17 ____ Implements quality assurance and quality control plan.

.18 ____ Determines disposal procedures for contaminated bulk petroleum products.

.19 ____ Conducts fire safety inspections on a regular basis.

.20 ____ Conducts fuel fire drills at set intervals.

.21 ____ Conducts fuel sampling and testing at set intervals.

.22 ____ Maintains close liaison with the operational planners to forecast fuel requirements and ensure timely resupply.

.23 ____ Provides diagram of security/surveillance plan.

.24 ____ Provides schematic of organic petroleum distribution system for designated areas of operation.

EVALUATOR INSTRUCTIONS: Although not required in a combat environment, the bulk fuel portion of a preliminary environmental assessment will be required during training and evaluation. The waste collection site will also have to conform to local SOP's, base orders, and EPA regulations.

KEY INDICATORS: None.

TASK: 6D.2.2 PRODUCE, STORE, AND DISTRIBUTE PORTABLE WATER

CONDITION(S): The MEF is conducting tactical operations. The engineer support battalion has been tasked to produce, store, and distribute potable water. The site must produce 3,000 gallons of potable water within 6 hours of arrival. All equipment and chemicals necessary for operation are available.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of mission and receives commander's guidance.

.2 ____ Requests available information on the area and any aerial photography available.

.3 ____ Coordinates security and fire support plan with local units.

.4 ____ Identifies personnel and any special equipment required to conduct the reconnaissance and establish the site.

.5 ____ Issues the order and conducts a briefing.

.6 ____ Coordinates with preventive medicine to test water site before and after site set up.

.7 ____ Analyzes water sources/site.

.8 ____ Sets up and operates water purification unit. (KI)

.9 ____ Tests water storage vessels for chlorine level and amount of total dissolved solids (TDS). (KI)

.10 ____ Maintains daily logs on site for water production and issue.

.11 ____ Ensures that adequate freeze protection measures are taken, as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SET-UP AND OPERATION OF WATER PURIFICATION UNIT

The following factors should be considered when setting up and operating a water purification unit:

1. Selects suitable, level ground for unit.
2. Positions unit close enough to water supply.
3. Determines the feasibility of whether to use local electric power or the use of mobile electric power to support water requirements.
4. Makes maximum use of natural cover and concealment, or camouflages site.
5. Correctly installs all hoses and pumps.
6. Ensures that no electrical contacts are left exposed.
7. Uses the correct formula to determine the correct amounts of citric acid, polymer, chlorine, and sodium hexametaphosphate needed (when using an ROWPU).
8. Uses the correct formula to determine the correct amounts of slum, soda ash, activated carbon, chlorine, and diatomaceous earth needed (when using a U22446).
9. Lays out water point and storage areas to facilitate one-way traffic for ease of dispensing final product water to using units.
10. Performs pre-operational checks.
11. Performs during operational checks each hour of operation.
12. Ensures hearing protection is worn around all generators and heavy equipment.

Chlorine Level

The amount of total dissolved solids must be less than 1,500 ppm. Under field conditions the chlorine level can range from no more than 5 ppm at the point of production and no less than 3 ppm at the point of consumption. For Permanent and semi permanent facilities the chlorine level will not be greater than 1.0 ppm and not less than .75 ppm unless directed by medical authorities.

6D.3 ENGINEER COMBAT SUPPORT

TASK: 6D.3.1 CONDUCT A DELIBERATE BREACH

CONDITION(S): The engineer support battalion has been tasked to reinforce the combat engineers. They have been placed in support of a unit attempting to conduct a nonilluminated night attack. A warning order has been issued to subordinates. The operation order directs that a deliberate breach be conducted at night. The enemy has constructed hasty obstacles; however, they are not dense. No use of chemical mines are indicated. The supported unit is providing security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Advises the commander in regards to the breach, recommending combat engineer tactics, techniques, procedures, and personnel and equipment required.

.2 ____ Requests the supported unit maintain surveillance of the proposed breach site to identify any enemy activity or locate any positions that may compromise the breaching effort.

.3 ____ Coordinates with supported unit to determine the number of lanes required.

.4 ____ Conducts a reconnaissance of the site (map or ground depending on the situation), and based on enemy tactics and the terrain, determines the orientation and depth of the minefield.

.5 ____ Plans, in coordination with the supported commander and his FSC, suppression and obscuring fires as well as the integration of all available supporting arms, in the event the night attack is discovered.

.6 ____ Completes logistics planning within the available time to include reallocating and redistributing personnel and equipment.

.7 ____ Issues the order to subordinates and conducts a briefing using a sand table, sketch, and other visual aids.

.8 ____ Conducts day and night rehearsals of the plan with all participants, time permitting.

.9 ____ Maintains noise and light discipline throughout the breach.

.10 ____ Locates, marks, and avoids mines, wire, and other obstacles.

.11 ____ Clears a path in which mines are located and removed.

.12 ____ Cuts barbed wire obstacles without detection.

.13 ____ Conducts a hasty in stride breach if the attack is discovered.

.14 ____ Submits progress reports on a periodic basis to the supported unit.

.15 ____ Identifies multiple complex or other obstacles which will require deliberate breaching.

.16 ____ Properly marks the entrance to the breach and the limits of the cleared lane.

.17 ____ Provides guides to orient supported unit leaders and guides through the breach.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.2 CONDUCT A HASTY IN STRIDE BREACH

CONDITION(S): The engineer support battalion has been tasked to reinforce the combat engineers. They are in support of a unit conducting a ground attack on enemy defenses. The attack has been successful and the commander desires to maintain the momentum. Enemy defenses are still in place, however, they are weak. No use of chemical mines is indicated. Little time is available for reconnaissance, planning and/or preparation. It is the intent of the supported unit commander to overpower the defenses with suppressive and obscuring fires, and conduct an assault before the enemy can regroup and reinforce. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Advises the commander in regards to the breach, recommending tactics, techniques, procedures, and personnel and equipment required.

.2 ____ Coordinates with the command element of the supported unit to ensure combat engineers are well integrated into the plan.

.3 ____ Determines the number of lanes required.

.4 ____ Coordinates the integration of supporting arms with the supported commander and his FSC, to include the use of direct and suppressive fires, smoke, and other material to obscure visibility.

.5 ____ Completes logistics planning within the available time, to include reallocating and redistributing personnel, supplies, and equipment.

.6 ____ Issues the order and time permitting, conducts a briefing using a sand table, sketch, and other visual aids.

.7 ____ Conducts a limited rehearsal, time permitting.

.8 ____ Employs line charges, FAE's, bangalore torpedoes, and/or other breaching deVIces to breach the obstacle.

.9 ____ Uses captured vehicles such as bulldozers before using U.S. equipment when conducting breaching operations.

.10 ____ Cuts barbed wire, locates and detonates mines, and reduces other obstacles in order to clear a path through the obstacles expeditiously.

.11 ____ Maintains close control over the movement of engineers during breaching operations and demonstrates tactically sound procedures.

.12 ____ Marks cleared lanes for friendly movement.

.13 ____ Administers life saVIng first aid to casualties while maintaining assault momentum if the tactical situation permits, ensures medical aid is proVIded for the injuries and is aware of further evacuation procedures.

.14 ____ Reports completion to the tactical commander.

EVALUATOR INSTRUCTIONS: During the breach, casualties may be assessed. Consider using moulage kits, if available, to simulate wounds.

KEY INDICATORS: None.

TASK: 6D.3.3 CLEAR A VEHICLE LANE THROUGH A MINEFIELD

CONDITION(S): The engineer support battalion has landed and is in support of the FSSG in developing the FCSSA. The combat engineers have conducted an initial breach of a minefield in support of assault units. The breach must be widened to allow passage of friendly troops and vehicles. The commander has received the order to work through the night in order to allow for the resupply of assault units prior to the launch of a first light attack. Security is proVIded by the reserve elements of the GCE.

STANDARDS: EVAL: Y; N; NE

.1 ____ Completes the plan for enlarging the lanes; 1 meter for a foot lane, 8 meters for a one way vehicle traffic, 16 meters for two way vehicle traffic.

.2 ____ Coordinates security and the plan for supporting fires with the supported unit.

.3 ____ Widens the lane to the required size, before commencement of the dawn attack. (K1)

.4 ____ Marks the entrance and exit points, and the lane through the minefield.

.5 ____ Records the widening of the lanes and submits reports to the supported unit.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

WIDENING THE LANE

Lanes should be widened by one of two methods. If using explosives, the attack can no longer be concealed and thus the breaching must occur at or near the zero hour.

1. Explosive breaching using a line charge or the bangalore torpedo.

2. Manual breaching.

TASK: 6D.3.4 CONDUCT ROUTE MINE SWEEP

CONDITION(S): The engineer support battalion has been tacked to reinforce the combat engineers. The engineer support battalion has been independently tasked to conduct a rout.mine sweeping operation. The supported unit will provide security for the mine sweep.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the mission and coordinates with the supported unit to ensure security, fire support, and fire support coordination procedures are planned.

.2 ____ Task organizes for the mine sweep and prepares for the operation.

.3 ____ Inspects and conducts operational checks of the equipment.

.4 ____ Conducts the mine sweep in accordance with correct combat engineer procedures which are provided for in the unit SOP.

.5 ____ Relieves mine detector operators every 15 to 20 minutes.

.6 ____ Checks roads and shoulders for mines using mine detectors.

.7 ____ Detonates discovered mines or notifies higher headquarters requesting explosive ordnance disposal (EOD) support for removal.

.8 ____ Calculates the time and materials required to repair the road damage caused by the detonation of any mines.

.9 ____ Submits spot reports on any mines or booby traps live or detonated, and other reports as required.

EVALUATOR INSTRUCTIONS: If subtask .4 is to be evaluated, the reinforced combat engineer unit SOP must be available to the evaluator.

KEY INDICATORS: None.

TASK: 6D.3.5 CREATE A COMBAT ROAD/TRAIL

CONDITION(S): A supported unit is conducting offensive operations which require a combat road/trail to be constructed. The engineer support battalion has been tasked to complete the project. Expedient materials are available. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges the receipt of the task and receives commander's guidance.

.2 ____ Coordinates with the supported unit G-2/3 and FSC to gather intelligence information, arrange for a reconnaissance of the area, fire support, and security.

.3 ____ Conducts a reconnaissance.

.4 ____ Prepares and submits a reconnaissance report.

.5 ____ Prepares and submits for approval a plan to develop roads/trails.

.6 ____ Task organizes, briefs and inspects troops for proper tools, equipment and explosives, and requests personnel augmentation, if required.

.7 ____ Delineates the route and establishes priority of site preparation.

.8 ____ Clears route and reduces limiting grades, obstacles, etc.

.9 ____ Reports work progress and completion to the supported unit.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.6 IMPROVE TRAFFICABILITY OF ROADS

CONDITION(S): A supported unit is conducting operations, and has established defensive positions which it intends to occupy for several days. The unimproved road leading to the positions will be heavily used by vehicles organic to the unit. A portion of the road is soft and muddy with an intermittent stream that cannot be bypassed. The engineer support battalion has been tasked to improve the trafficability of the road, and specifically, prepare an expedient surface for a distance not greater than 50 meters. Local materials are available. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the task and receives commander's guidance, e.g., types of vehicles, duration of the operation, black out conditions, noise discipline, etc.

.2 ____ Requests all available information concerning the site, and intelligence on enemy forces.

.3 ____ Arranges for a reconnaissance of the area.

.4 ____ Determines equipment/material requirements to include types, amounts, availability, and hauling requirements.

.5 ____ Prepares a sketch or detailed plan.

.6 ____ Task organizes the engineers and identifies personnel augmentation requirements from the supported unit.

.7 ____ Coordinates with the supported unit for security.

.8 ____ Coordinates with proper authorities to gain approval for the removal, use, or cutting of any local materials to include method of reimbursement.

.9 ____ Applies identification markings on those trees to be cut, bushes to be removed, rocks to be removed, etc.

.10 ____ If corduroy roads are constructed, logs are laid side by side with guard logs, curbs are wired or drift-pinned in place.

.11 ____ If a chespaling mat is constructed, small saplings (about 1-1/2" in diameter and 6-1/2' long) and binding material, i.e., chicken wire, mesh, heavy smooth wire, etc. are gathered.

.12 ____ Lays out wires to allow for a chespaling mat to be constructed, allowing the materials used to be wired in the center and at each end.

.13 ____ Installs chespaling mats with a minimum of a one foot overlap, ties the mats together, and stakes them to the ground.

.14 ____ Completes the site within the required time.

.15 ____ Supervises drivers crossing the site, and arranges for maintenance of the site.

EVALUATOR INSTRUCTIONS: There are numerous methods of expedient road surfacing. U.S. Army TM 5-337, chapter 19, reviews many of the techniques.

KEY INDICATORS: None.

TASK: 6D.3.7 PREPARE AN EXPEDIENT FORD

CONDITION(S): A supported unit is conducting offensive operations. The unit has encountered a small stream. The stream current is less than 1.5 meters per second. Available information on the area states that the stream is not greater than .75 meters deep. The engineer support battalion has been tasked to construct an expedient ford for personnel. The supported unit will proVIde security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Acknowledges receipt of the order and coordinates with the supported unit to receive guidance and arrange for a reconnaissance of the crossing area.

.2 ____ Coordinates with the G/S-2 to gather all available information to include weather predictions and any information on the effects of rain on the stream.

.3 ____ Checks with local inhabitants to verify the effects of rain on the stream, if practical.

.4 ____ Coordinate. with the G/S-3 and FSC to arrange for security, fire support, and fire support coordination procedures.

.5 ____ Conducts a hasty reconnaissance of the crossing area.

.6 ____ Determines stream velocity at various sites.

.7 ____ Determines width of stream at various sites.

.8 ____ Determines depth of stream at various sites.

.9 ____ Determines maximum allowable slope on approaches.

.10 ____ Determines if banks require stabilization at various sites.

.11 ____ Ensures the bottom of the ford is solid enough to support the weight of foot troops.

.12 ____ Selects a ford that is free of boulders and obstacles.

.13 ____ Selects a crossing site(s) which offers a gentle-slope and provides good traction for foot troops.

.14 ____ Takes advantage of locally available material in order to cross the obstacle with the least possible delay.

.15 ____ Stabilizes entry and exit points by using expedient road surfacing techniques or MOMAT.

.16 ____ Stabilizes stream bed with locally available material, e.g., gravel, rocks, or sand bags.

.17 ____ Marks entry and exit points.

.18 ____ Installs necessary safety lines for troop movement.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.8 PREPARE AN OBSTACLE PLAN

CONDITION(S): The engineer support battalion has been directed to prepare am obstacle plan as a part of the FSSG defense plan based on MEF commander’s guidance. The engineer support coordinator has received the commander’s guidance and has begun planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a map reconnaissance based on KOCOA to identify mobility corridors, restrictive terrain, existing obstacles, and reinforcing obstacles.

.2 ____ Conducts a ground reconnaissance to gather specific information, if the situation permits.

.3 ____ Briefs the commander on the recommended obstacle plan, and gains approval.

.4 ____ Prepares the obstacle plan in an overlay for use in FSSG Oplan.

.5 ____ Coordinates with the MEF to ensure the plan provides maximum integration of the defense plan and does not interfere with mobility of friendly areas.

.6 ____ Identifies the specific location of the obstacles to be constructed.

.7 ____ Assigns code numbers to specific obstacles, per the MEF obstacle/barrier plan.

.8 ____ Assigns areas of responsibility in accordance with the MEF obstacle/barrier plan.

.9 ____ Establishes priorities for the construction and/or employment of obstacles.

.10 ____ Specifies completion time for the obstacles.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.9 CONDUCT RECONNAISSANCE FOR OBSTACLE SITES

CONDITION(S): The engineer support battalion has been tasked to conduct a physical reconnaissance to locate sites for constructing obstacles.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a physical reconnaissance to determine all possible obstacle locations and types which will delay and channelize the enemy forces.

.2 ____ Completes an Engineer Reconnaissance Report (DA form 1211-B) for each obstacle identified.

.3 ____ Determines avenues of approach based on terrain analysis, and enemy capabilities contained in the intelligence estimate.

.4 ____ Considers the effect the obstacles will have on friendly mobility.

.5 ____ Ensures the proposed obstacles are integrated with the natural obstacles.

.6 ____ Completes planning calculation on DA form 1711-R to determine the amounts of materials needed and manpower required to construct or emplace the proposed obstacles.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.10 INSTALL A DELIBERATE PROTECTIVE MINEFIELD

CONDITION(S): The mission to install a deliberate protective minefield to give local protection to the FCSSA unit has been received. The location is specified in the operation order. Mines and marking material are at a pre-established ammunition supply point (ASP). Chemical mines are not authorized. The supported unit will provide security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines the types of mines to be used based on the threat.

.2 ____ Computes data on supplies and materials required.

.3 ____ Coordinates with the supported unit to ensure the minefield is integrated into the CSSA’s overall defense plan.

.4 ____ Plans lanes for the movement of friendly troops.

.5 ____ Reports intention to lay and initiation of laying, to the higher command element.

.6 ____ Coordinates area security with the supported unit.

.7 ____ Supervises construction of the minefield.

.8 ____ Ensures antihandling devices are emplaced.

.9 ____ Coordinates with the G/S-4 to arrange for the movement of supplies, materiaL, and MHE.

.10 ____ Ensures the minefield is emplaced across the enemy avenues of approach within the range of the supported unit's weapons when possible.

.11 ____ Marks minefields Located in friendLy areas.

.12 ____ Arms and camouflage: all mines.

.13 ____ Clears the area of packaging trash and debris directly associated with the installation of mines.

.14 ____ Records the minefield on a DA form 1355, ensuring all information is detailed and correct.

.15 ____ Submits daily or other required progress reports.

.16 ____ Ensures a completed report is sent to the next higher command element.

EVALUATOR INSTRUCTIONS: When the number of practice mines required to simulate a live minefield are not available, some approximation of the mines should be attempted to simulate the volume and weight. This is necessary to gain an understanding of the logistical requirements for installing a minefield. All planning and paperwork should be completed.

KEY INDICATORS: None.

TASK: 6D.3. 11 INSTALL A HASTY PROTECTIVE MINEFIELD

CONDITION(S): The mission to install a hasty protective minefield to give local protection to the FCSSA has been received. The mines and marking material are available at an ammunition supply point (ASP). Chemical mines are not authorized.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines the types of mines to be used based on the threat.

.2 ____ Computes data on supplies and materials required.

.3 ____ Ensures the minefield is emplaced across the enemy avenues of approach within range of the unit's weapons.

.4 ____ Coordinates with the unit to ensure the minefield is integrated into the overall defense plan.

.5 ____ Marks the lanes for movement of friendly troops.

.6 ____ Ensures coordination to arrange movement of supplies and material.

.7 ____ Ensures reports of the intention to lay and the initiation of laying are made by FCSSA command element to higher command element.

.8 ____ Coordinate: the security of the area with the FCSSA command element.

.9 ____ Supervises the construction of the minefield.

.10 ____ Lays mines as expeditiously as possible, and does not employ anti-handling devices.

.11 ____ Arms and camouflage: mines.

.12 ____ Clears the area of packaging debris directly associated with the installation of mines.

.13 ____ Marks minefield Located in friendly areas.

.14 ____ Records minefield on DA form 1355-A and diagrams per an SOP.

EVALUATOR INSTRUCTIONS: Simulation to approximate combat loads and conditions is necessary to gain an understanding of the logistical requirements for installing a minefield. All planning, coordination, and paperwork should be completed. Depending on the scope of the minefield, the requirement to report the initiation may be eliminated.

KEY INDICATORS: None.

TASK: 6D.3.12 INSTALL A POINT MINEFIELD

CONDITION(S): The order has been received to install a point minefield to delay and disrupt the enemy; conventional mines will be used. The location and density of the minefield is specified in the operation order. The mines and marking devices are at an established ammunition supply point (ASP). Chemical mines are not authorized.

STANDARDS: EVAL: Y; N; NE

.1 ____ Determines the type mines to be used based on the threat.

.2 ____ Computes data on supplies and materials required.

.3 ____ Coordinates with the supported unit to ensure the minefield is integrated into the overall tire support plan and that the minefield can be covered by antitank and supporting arms.

.4 ____ Ensures supported unit coordinates with the G/S-4 to arrange for the movement of supplies material, and MHE.

.5 ____ Reports both the intention to lay and the initiation of laying the minefield to the higher command element.

.6 ____ Coordinates the security of the area with the supported unit.

.7 ____ Designs minefield with irregular shape.

.8 ____ Supervises the construction of the minefield.

.9 ____ Ensures mines and booby traps are emplaced along enemy avenues of approach.

.10 ____ Ensures maximum number of antihandling devices are used.

.11 ____ Arms and camouflages all mines and booby traps.

.12 ____ Records the minefieLd on a DA form 1355-1, ensuring all information is detailed and correct.

.13 ____ Ensures a completed report is sent by the supported unit to the next higher headquarters.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.13 CREATE A CRATER OBSTACLE WITH EXPLOSIVES

CONDITION(S): The order has been received to crater a road (with dirt subgrade) in order to delay an enemy armor/mechanized column. Explosives (to include shaped charges) are available. The target area is located approximately 800 meters forward of the FEBA. The reserve element of the supported unit is providing security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a physicaL or map reconnaissance to determine specific Location, and receives approval of the crater plan from the supported unit.

.2 ____ Determines type of crater and calculates amount of explosives required.

.3 ____ Selects correct size and shape charges for boreholes based on road surface to be penetrated.

.4 ____ Refers to PM 5-25 (chapter 3) to determine standoff for existing pavement/soil conditions.

.5 ____ Primes all charges in a single row for simultaneous detonation.

.6 ____ Detonates explosives on a roadway which creates an obstacle that is capable of impeding a tank from crossing.

.7 ____ Installs and detonates a deliberate road crater within one and one half squad hours.

.8 ____ Installs and detonates a relieved face crater within two squad hours.

.9 ____ Mines crater and adjacent area connected with natural terrain obstacles with antitank mines.

.10 ____ All cratering charges underground are dual primed with detonation cord and branch lines.

.11 ____ All charges are fired simultaneously except for relief faced craters which have one half to one and one half seconds delay between enemy and friendly row/side (the enemy row/side should be detonated first).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.14 CONSTRUCT AN ABATIS OBSTACLE

CONDITION(S): A counter mobility obstacle is required. Antipersonnel and antitank mines will be used with the abatis. Chain saws, mines, and explosives are available. Security is provided by the supported unit.

STANDARDS: EVAL: Y; N; NE

.1 ____ Performs a physical or map reconnaissance to determine site, type, and availability of trees required.

.2 ____ Positions the obstacles to effectively restrict movement along Likely enemy avenues of approach.

.3 ____ Constructs the obstacle to ensure the tops of the trees are toward the enemy and are entwined.

.4 ____ Ensures that trees are cut so that their stumps are five (5) feet high, and the trees fall at a 45 degree angle towards the enemy.

.5 ____ Integrates the abatis with other obstacles.

.6 ____ Engineers effectively demonstrate proficiency with the chain saw.

.7 ____ Cuts a tree in five minutes with a two man team using explosives.

.8 ____ Submits required reports to higher headquarters in a timely manner.

EVALUATOR INSTRUCTIONS: If environmental concerns prohibit the actual cutting of trees, the evaluated unit should explain the plan using sketches and/or a walk through at the designated site.

KEY INDICATORS: None.

TASK: 6D.3.15 CONSTRUCT A TANK DITCH

CONDITION(S): The order has been received to construct a rectangular tank ditch in a general Location to impede enemy tank movement. Earth moving equipment is available. Time for planning and coordination is Limited.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a physical or map reconnaissance to determine the exact site of a rectangular tank ditch.

.2 ____ Determines equipment, explosives, and materials for constructing the site.

.3 ____ Calculates the amount of soil which requires removal.

.4 ____ Makes a sketch with specifications of the ditch.

.5 ____ Coordinates security with the supported unit.

.6 ____ Constructs an effective tank ditch, using organic earth-moving equipment, ensuring the ditch is at least 1.5 meters deep and not Less than 3.3 meters wide.

.7 ____ Ensures the spoil is not removed from the area until first building up the friendly side of the ditch.

.8 ____ Locates site for disposing of excess spoil, and route to and from the site.

.9 ____ Ensures the tank ditch is integrated into an effective barrier plan.

.10 ____ Mines the bottom and area surrounding the tank ditch.

EVALUATOR INSTRUCTIONS: If environmental considerations do not allow for construction at the desired spot, a barrier plan should be prepared and sketched. A tank ditch or portions thereof should be built elsewhere from the desired location to demonstrate techniques.

KEY INDICATORS: None.

TASK: 6D.3.16 CONSTRUCT A TRIPLE STRAND CONCERTINA FENCE

CONDITION(S): The engineer support battalion has been tasked to advise and assist elements of the FSSG in constructing a wire fence. The engineers are required to construct a demonstration portion of the fence. Standard barbed wire or barbed steel tape concertina, pickets, and staples are available. Construction can take place during daylight or at night.

STANDARDS: EVAL: Y; N; NE

.1 ____ Advises supporting unit on the correct siting of the wire obstacle.

.2 ____ Determines amounts of material required.

.3 ____ Ensure transportation of the material is arranged by supported unit.

.4 ____ Make sketch with specifications of the fence.

.5 ____ Constructs triple standard concertina fence at the rate of 300 meters (985 feet) per 3 squad hours.

.6 ____ Installs long pickets along front row at a five pace (3.8 meters) interval.

.7 ____ Installs long pickets along the rear row on a line 90 centimeters (3 feet) to the rear and centered between the front row of pickets.

.8 ____ Installs pickets so that the eyes of screw pickets are to the right of the picket when facing the enemy, and concave faces of U-shaped pickets are towards the enemy.

.9 ____ Constructs the fence so that each row of concertina is opened to not more than 15 meters (50 feet).

.10 ____ Joins concertina ends by placing the bottom portion of first coil over the picket, by placing top and bottom portion of the second coil over the picket, and then by placing the top portion of the first coil over the picket.

.11 ____ Integrates trip flares and/or other early warning devices into the obstacle.

.12 ____ Anchors fence properly to the ground.

.13 ____ Marks a lane for friendly troops to enter and exit the perimeter.

.14 ____ Conducts final inspection and reports completion of task to supported unit.

.15 ____ Installs horizontal wire at the top of long pickets and racks top roll of concertina to (at least) the rear of the horizontal wire.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D.3.17 CONSTRUCT A LOG CRIB OBSTACLE

CONDITION(S): A counter mobility obstacle is required. Logs and/or timbers are available. The area of the obstacle is designated; however, the exact site is to be determined.

STANDARDS: EVAL: Y; N; NE

.1 ____ Performs a physical or map reconnaissance to determine site, type materials required, etc.

.2 ____ Produces a sketch/drawing of the obstacle.

.3 ____ Constructs a rectangular log crib across a minimum 6 meter front.

.4 ____ Cuts logs so that all vertical Logs are approximately 3 meters long.

.5 ____ Emplaces cut logs approximately 1.5 meters below the ground and 1.8 meters apart.

.6 ____ Strengthens the crib by filling with dirt.

.7 ____ Reports completion of the obstacle to higher and/or supported headquarters.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D .3.18 CONSTRUCT PROTECTIVE SHELTERS

CONDITION(S): The engineer support battalion is tasked to assist in the construction of protective shelters. The expected threat is from enemy artillery and direct fire weapons.

STANDARDS: EVAL: Y; N; NE

.1 ____ Designs the shelter to protect against artillery and direct fire weapons.

.2 ____ Maximizes overhead cover.

.3 ____ Constructs the bunkers below ground level when conditions permit.

.4 ____ Prepares sketches, diagrams, and specifications required for the construction of fortified bunkers.

.5 ____ Identifies materials required.

.6 ____ Ensures adequate drainage by sloping the floor of the shelter at least 1 percent toward a sump near the entrance.

.7 ____ Improvise. covering for the entrances, which are hung in such a manner as to not allow light to be seen from the outside. All cracks and crevices are caulked.

.8 ____ Constructs bunker(s) according to design specifications.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6D .3.19 PROVIDE ENGINEER ASSISTANCE IN ESTABLISHING A STRONG POINT

CONDITION(S): The engineer support battalion is tasked to reinforce the combat engineers in establishing a strong point on key terrain critical to the defense. The terrain controls an avenue of approach likely to be used by enemy mechanized forces.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates the conduct of a physical and/or map reconnaissance of the site with the reinforced unit.

.2 ____ Coordinates preparation of a sketch, diagram, and plan for establishing obstacles, antitank weapons positions, tank hull down positions, minefields, protective positions, and protected routes between positions with the reinforced unit.

.3 ____ Receives unit commander’s approval of the plan.

.4 ____ Calculates the time, men, equipment, and materials required to execute the assigned mission.

.5 ____ Assists in constructing conventional or expedient obstacles.

.6 ____ Assists in constructing antitank positions.

.7 ____ Prepares tank hull down positions.

.8 ____ Prepares dug in positions for command and control, aid stations, and critical supply storage.

.9 ____ Assists in constructing protected routes between positions.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

SECTION 6E

HEALTH SERVICES SUPPORT

ENCLOSURE (1)

TABLE OF CONTENTS

INTRODUCTION:

This section contains the MPS's for the medicaL and dentaL battalions of the FSSG for providing heaLth services during combat operations to elements of the ME. The MPS's in this section are:

6E.1 Plan Health Services.
6E.2 Provide Health Services.

The tasks and standards contained in these MPS's were designed to cause FSSG health services personnel to consider all aspects of health services. This includes the integration and coordination of their efforts to ensure medical and dental tasks and functions to care for and treat sick and wounded personnel for the MEF as a whole are planned, prepared for, and provided.

The tactical scenario may be such that not all tasks are planned to be, or can be, evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. It is recommended that commanders evaluate these areas during the course of subsequent training opportunities.

6E.1 PLAN HEALTH SERVICES

TASK: 6E.1.1 PLAN FOR HEALTH SERVICES

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capabiLity, and other assets normally possessed by a major foreign power. The FSSG has begun health services planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Participates in all stages of operational planning. (KI)

.2 ____ In conjunction with the CATF/MRCO, establishes and operates the Health Service Support (HSS) section as an element of the Combat Service Support Operations Center (CSSOC).

.3 ____ Requests medical intelligence on the area of operations to include available resources both in the AOA and in the general region.

.4 ____ Provides medical input to the CSS estimate of supportability.

.5 ____ Reviews the provisions contained in the health services SOP in relation to the assigned mission and makes changes where required. (KI)

.6 ____ Coordinates with the LF surgeon for the integration of medical support units throughout the MEF to ensure responsive and adequate treatment of casualties.

.7 ____ Coordinates with the LF surgeon to ensure medical support plan conforms with the scheme of maneuver and reflects the MEF commander’s guidance.

.8 ____ Develops the plan for casualty overload at medical treatment facilities.

.9 ____ Coordinates supportability of mass casualty treatment and evacuation plan with both MEF and CATF staff agencies.

.10 ____ Coordinates with the ATF medical staff and LF surgeon concerning the plan for medical regulating to include out of theater regulating.

.11 ____ Plans for placement and utilization of LF Medical Regulating Teams.

.12 ____ Maintains up to date information on available medical regulating assets and facilities.

.13 ____ Coordinates with dental battalion, the assignment of dental personnel to augment medical personnel in the event of mass casualty situations.

.14 ____ Ensures casualty evacuation policies are coordinated with GCE and ACE medical units.

.15 ____ Evaluate self aid and buddy aid refresher training for FSSG troops prior to the landing.

.16 ____ Ensures the FSSG medical units assigned to support units ashore is organized, equipped, supplied, and ready to deploy with the supported unit.

.17 ____ Reviews procedures for the displacement of medical units ashore, and conducts, at a minimum, a staff rehearsal of movement plans.

.18 ____ Coordinates the scheduling of a mass casualty practice during the rehearsal phase.

.19 ____ Plans provisions for handling casualties under NBC conditions.

.20 ____ Ensures NBC decontamination teams are available to provide decontamination services.

.21 ____ Plans for the establishment and operation of medical evacuation stations to perform triage functions.

.22 ____ Develops a plan for liquid blood supply in coordination with CATF/LF surgeon.

.23 ____ Coordinates casualty reporting procedures with all appropriate staff agencies.

.24 ____ Bases priority of treatment for patients solely on urgency of medical condition, not patient's status as friendly or enemy.

.25 ____ Prepares the health services appendix to the CSS annex of the operation order.

.26 ____ Ensures adequate communications support of medical and dental units is proVIded for in the communication annex of the operation order, and coordinates with the CEO.

.27 ____ Prepares alternate plans, in coordination with other MEF operational planners, for the redistribution of medical support resources to meet anticipated changes in the tactical situation.

.28 ____ Responds to MEF missions by planning for the efficient use of health services assets.

.29 ____ Prepares health service appendix to CSS annex of the Landing force operations plan.

.30 ____ Coordinates and plans medical regulating with the medical regulating control officer of the amphibious task force.

.31 ____ Plans for and establishes evacuation stations as required IAW FMFM 4-50.

.32 ____ Plans for, supervises, and coordinates preventive measures for the control of disease.

.33 ____ Provides assistance in the identification of human remains.

.34 ____ Prepares plans for the redistribution of medical and dental assets to other MEF elements.

.35 ____ Plans for and provides dental support, as required.

.36 ____ Develops plans for mass casualty treatment and evacuation.

.37 ____ Establishes liaison with all medical regulating elements.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

HEALTH SERVICES PLANNING

The group surgeon, group dental officer, the health services support unit, and element medical/dental commander participate, in coordination with MEF command element medical planners, in health services planning during the initial stages, and are continuing participants throughout the planning phase. In addition to the routine staff concerns discussed in FMFM 3-1, Command and Staff Action, planning includes requesting and using medical intelligence resources and having knowledge of external medical support capabilities; i.e., from the host nation and other services.

HEALTH SERVICES SOP

The medical/dental SOP should include sections on:

1. Training of combat troops in self aid and buddy aid.

2. Training of medical personnel with assigned areas.

3. Litter team training and plan for acquisition of litter teams during combat.

4. Functional area cross training to include employment of dental personnel in casualty overload situations.

5. Medical support facility movement, establishment, operation, and displacement.

6. Plan for medical regulating.

7. Casualty overload and mass casualty procedures.

8. Area security procedures and combat skills.

9. Security and accountability of narcotics, controlled substances, and other controlled items.

10. Procedures for class VIII resupply.

11. Plan for liquid/frozen blood requirements.

12. Medical/dental communications requirements.

13. Sanitation and preventive medicine.

14. Supervision of care delivered by corpsmen.

15. Procedures for reporting friendly casualties.

16. Procedures for EPW casualties (intelligence, security, etc.).

17. Procedures for civilian casualties.

18. Plan for emergency retrograde.

19. Provisions for NBC warfare.

20. Predeployment medical/dental checklist to ensure unit readiness.

21. Assistance in the identification and handling of remains.

TASK: 6E.1.2 ESTABLISH MEDICAL/DENTAL CAPABILITY ASHORE

CONDITION(S): The medical element has been augmenting the ATF medical staff. A portion of the element is displacing ashore, and will include triage and holding capability, x-ray, an operating room, laboratory, pharmacy equipment and supplies, basic blood bank capability, ward capability. and emergency dental capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes medical elements ashore with a triage and stabilization capability.

.2 ____ Uses established principles as the basis for triage.

.3 ____ Maintains internal patient flow and accountability.

.4 ____ Ensures that during casualty processing, individual NBC defense equipment remains with the casualty unless it needs to be decontaminated.

.5 ____ Coordinates an adequate defense perimeter for those medical units established ashore in conjunction with CSS if required.

.6 ____ Ensures that external markings required by the Geneva conventions are present and appropriately displayed on all medical assets and personnel as directed by the MEF commander.

.7 ____ Disperses equipment and tentage adequately.

.8 ____ Provides for proper collection and disposal of medical waste, including blood, and body parts.

.9 ____ Reviews SOP’s for all sections of the medical element.

.10 ____ Coordinates effective casualty reporting with G/S-1.

.11 ____ Demonstrates the handling of a casualty contaminated by a chemical agent with assistance of decontamination teams.

.12 ____ Ensures that a mass casualty plan has been written and is practiced.

.13 ____ Coordinates with appropriate personnel for an adequate water supply to support operations in all areas of supporting medical elements.

.14 ____ Coordinates with engineer support unit and preventive medicine unit to ensure water quality minimum standards are met.

.15 ____ Demonstrates medical evacuation capabilities.

.16 ____ Demonstrates the ability of the medical or dental element to relocate while maintaining essential support.

.17 ____ Ensures priority of treatment for patients based primarily on urgent medical or dental reasons not on patient's status as friendly or enemy casualty.

.18 ____ Provides procedures for and demonstrates adequate documentation of casualty treatment as the basis for quality assurance (0A) evaluation of patient care and thus ensure continuity of treatment and care at each medical facility.

.19 ____ Establish emergency dental capability ashore.

.20 ____ Coordinate the presence of medical personnel within the MAGTF processing area for medical screening, delousing, and weight checking.

.21 ____ Coordinates with military police to arrange for evacuation and treatment of stragglers who are injured or disoriented.

.22 ____ Coordinates with motor transportation element for medical support of MT convoy and lifts of opportunity for medical evacuations.

EVALUATOR INSTRUCTIONS: Direct an electrical power failure to test the electrical power failure plan. Simulate a chemical attack to observe decontamination procedures for medical personnel and casualties.

KEY INDICATORS: None.

6E.2 PROVIDE HEALTH SERVICES

TASK: 6E.2.1 CASUALTY COLLECTION

CONDITION(S): The evacuation section, and attached personnel and equipment from the clearing station are landed early in an amphibious operation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes a beach and/or helicopter support team evacuation station, and coordinates the movement of casualties.

.2 ____ Collects casualties from aid stations, and transfers them BES or HES.

.3 ____ Demonstrates correct litter team and medical personnel handling techniques of casualties.

.4 ____ Demonstrates the ability to be resupplied with class VIII.

.5 ____ Reverts back to control by the Collecting and Clearing Company once the company is located ashore as directed.

.6 ____ Demonstrates the ability to arrange evacuation by surface craft and helicopter, and safely evacuate casualties by both means.

.7 ____ Establishes a medical regulating (MEDREG) net and communicates with other MEDREG net members.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6E.2.2 MEDICAL SUPPLY

CONDITION(S): The medical and dental battalions have been providing support from ATF shipping. A portion of the battalions are displacing ashore, and will include an operating room capability, basic laboratory, pharmacy equipment and supplies, liquid blood capability, and a holding ward capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures medical and dental supplies are present in the triage area and immediately available to care for triage personnel.

.2 ____ Establishes procedures to effect resupply from the medical logistics elements to the medical and dental detachments and the triage area.

.3 ____ Establishes procedures for equipment exchange/replacement between medical and dental detachments.

.4 ____ Identifies critical supplies.

.5 ____ Establishes stock objectives/levels for all medical and dental items including critical items.

.6 ____ Maintains prescribed stockage objectives for all medical supplies.

.7 ____ Ensure stocks of medical supplies and equipment to be used in the event of mass casualties are identified and/or established.

.8 ____ Maintains records and other documents for accountability of narcotic and other controlled substances.

.9 ____ Safeguards drugs and controlled substances against loss, pilferage, and damage.

.10 ____ Establishes emergency blood resupply storage and distribution, and donor control procedures.

.11 ____ Provides corrective and preventive maintenance of medical and dental equipment in the field by following procedures established for such.

.12 ____ Safeguards medical and dental supplies and equipment against weather damage/environmental factors.

.13 ____ Establish procedures for the disposal of medical and dental waste.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 61.2.3 CONDUCT DENTAL SERVICES OPERATIONS

CONDITION(S): A MEF has been conducting combat operations. Planning has provided for dental personnel at the evacuation stations, initially, and subsequently to establish a deliberate dental facility ashore when the parent unit displaces from ATF shipping.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates dental services for the MEF.

.2 ____ Provides dental personnel on call at evacuation stations to assist the cognizant medical authority during mass casualty situations.

.3 ____ Establishes a deliberate dental facility ashore within in 8 hours of the off Load of the dental unit.

.4 ____ Demonstrates ability to conduct dental treatment procedures under field conditions.

.5 ____ Demonstrates the ability to move, establish, dismantle, and repack ADAL equipment correctly.

.6 ____ Assists in the identification of human remains.

.7 ____ Provides for ongoing training and education for personnel according to established SOP's.

.8 ____ Disposes of biohazardous waste per current directives.

.9 ____ Demonstrates dental X-ray capability.

.10 ____ Conducts effective class VIII resupply.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6E.2.4 LABORATORY

CONDITION(S): The medical battalion has been providing support from ATF shipping. A portion of the battalion is displacing ashore, and will include an operating room capability, basic laboratory, pharmacy equipment and supplies, liquid blood capability, and a holding ward capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Sets up all Laboratory equipment and determines its serviceability.

.2 ____ Ensures reagents and other consumables for performing all necessary laboratory procedures are present and in usable condition.

.3 ____ Performs type and cross-match, CBC, differential, urinalysis, hematocrits, basic chemistries (technician test and a standard specimen).

.4 ____ Prepacks laboratory supplies and equipment, and prepares for movement in a timely manner.

.5 ____ Establishes and follows procedures for flow of specimens and reporting of laboratory results.

.6 ____ Provides for ongoing training and education for personnel.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6E.2.5 X-RAY

CONDITION(S): The medical battalion has been providing support from ATF shipping to a MEF engaged in combat operations. A portion of the battalion is displacing ashore, and will include an operating room capability, basic laboratory, pharmacy equipment and supplies, liquid blood capability, and a holding ward capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Sets up an operational x-ray machine.

.2 ____ Sets up darkroom and provides complete shield from external light sources.

.3 ____ Ensures developer reagents are on hand in adequate quantities and are serviceable.

.4 ____ Provides adequate clarity and resolution in film development.

.5 ____ Sets up an adequate radiation shield.

.6 ____ Ensures radiation exposure badges are worn by all x-ray personnel.

.7 ____ Inspects exposed film on hand for satisfactory quality of x-rays.

.8 ____ Demonstrates shooting and developing a satisfactory x-ray.

.9 ____ Demonstrates the ability to repack the equipment and consumables correctly.

.10 ____ EstabLishes developing solution disposal sites and procedures.

.11 ____ Sets up procedures governing patient flow, x-ray results, film filing, and record keeping.

.12 ____ Provides for ongoing training and education for personnel.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 61.2.6 PHARMACY

CONDITION(S): The medical battalion has been providing support from ATF shipping to a MEF engaged in combat operations. A portion of the battalion is displacing ashore, and will include an operating room capability, basic laboratory, pharmacy equipment and supplies, liquid blood capability, and a holding ward capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Sets up pharmacy and dispenses medications in the pharmacy AMAL.

.2 ____ Ensures all medications for issue have current expiration dates.

.3 ____ Provides accountability and security for narcotics and controlled drugs per current directives.

.4 ____ Provides for ongoing training and education for personnel.

.5 ____ Ensures all medications are appropriately packaged and stored to withstand temperature extremes during transport and field storage.

.6 ____ Ensures any expired medications are properly surveyed and destroyed.

.7 ____ Ensures all medications issued are properly labeled.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6E.2.7 OPERATING ROOM

CONDITION(S): The medical battalion has been providing support from ATF shipping to a MEF, engaged in combat operations. A portion of the battalion is displacing ashore, and will include an operating room capability, basic laboratory, pharmacy equipment and supplies, liquid blood capability, and a holding ward capability.

STANDARDS: EVAL: Y; N; NE

.1 ____ Sets up operating tables.

.2 ____ Provides required sterile instrument trays.

.3 ____ Maintains sterile field.

.4 ____ Ensures sterilizers are on hand and functioning, and alternative sterilization methods are available.

.5 ____ Provides adequate lighting and an emergency back up lighting system

.6 ____ Sets up surgical suction apparatus.

.7 ____ Establishes secure and safe storage area for medical gases, including flammable gases.

.8 ____ Sets up anesthesia machine.

.9 ____ Locates preoperative area and surgical recovery area adjacent to operating rooms.

.10 ____ Ensures the surgical area contains cardiopulmonary resuscitation equipment.

.11 ____ Provides for ongoing training and education for personnel.

.12 ____ Maintains and ensures serviceability of the operating room equipment and supplies.

.13 ____ Ensures adequate supplies are on hand.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6E.2.8 PROVIDE PATIENT STABILIZATION AND TEMPORARY PATIENT CARE

CONDITION(S): The medical battalion has established facilities ashore to support combat operations. A ward is operating to provide patient stabilization and care, and temporary hospitalization prior to further evacuation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Demonstrates the ability to monitor vital signs.

.2 ____ Demonstrates drawing of blood, and starting and maintaining IV's, etc.

.3 ____ Demonstrates the ability to perform basic and advance Life saving.

.4 ____ Maintains a capability to man and operate the ward on a 24 hour basis.

.5 ____ Maintains required patient treatment records and submits reports.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 61.2.9 FIELD PREVENTIVE MEDICINE

CONDITION(S): The medical battalion has been providing support from ATF shipping to a MEF engaged in combat operations. A portion of the battalion is displacing ashore, and will include a preventive medicine technician and field preventive medicine supplies and equipment.

STANDARDS: EVAL: Y; N; NE

.1 ____ Assesses the operations area in terms of potential environments) health risks.

.2 ____ Identifies steps in formulating field preventive medicine program plan.

.3 ____ Identifies key unit personnel whose support and assistance is paramount to the success of field preventive medicine operations.

.4 ____ Ensures water sanitation at field laundries, shower points, and field heads. (KI)

.5 ____ Ensures overall habitability.

.6 ____ Ensures food service sanitation.

.7 ____ Ensures effective pest control.

.8 ____ Orders preventive medicine supplies while operating in the field environment.

.9 ____ Requests additional technical preventive medicine support and identifies potential sources of support.

.10 ____ Assimilate and disseminates medical intelligence information to subordinate and higher headquarters, as appropriate.

EVALUATOR INSTRUCTIONS: In the event that the training environment does not permit the actual practice of field preventive medicine, the preventive medicine technician should thoroughly describe what he or she would do in the above situation to plan, implement and manage a field preventive medicine program using the above standards as guidelines.

KEY INDICATORS: To maintain proper sanitation at shower points, the following should be accomplished:

1. Disinfect decking with an approved disinfectant at Least once a weak.
2. Maintain shower and dressing tents in a good state of police; i.e., free of trash and clutter.
3. Post signs cautioning personnel not to brush teeth while in the shower.
4. Roll up tent sides daily to air out shower and dressing areas.

SECTION 6F

SERVICES SUPPORT

ENCLOSURE (1)

TABLE OF CONTENTS

INTRODUCTION:

This section contains the MPS's for those FSSG units involved in providing services to the MEF during combat operations. The subfunctional areas of services are postal, disbursing, law enforcement, enemy PW management, information systems, exchange services, utilities support, legal services, civil affairs support, and graves registration. The MPS's in this section are:

6F.1 Security Support
6F.2 Information Systems (IS) Support

The tasks and standards contained in these MPS's were designed to cause FSSG military police and deployable data processing support personnel to consider all aspects of their support to MEF units to include the integration and coordination of their efforts. These efforts extend from the planning and preparation to the actual conduct of their services. They address the subfunctional areas of law enforcement, enemy PW management, and information systems.

6F.3 Graves Registration Support

The task and standards contained in this MPS were designed to cause FSSG personnel responsible for providing graves registration support to consider all aspects of their support to MEF units, and to be able to task organize a graves registration platoon with school trained personnel and plan for the execution of their duties.

6F.4 Miscellaneous Services Support

The task and standards contained in this MPS were designed to cause FSSG personnel responsible for providing postal, disbursing, exchange services, and legal services support to consider all aspects of their support to MEF units and plan for the execution of their duties.

Tasks and standards for the conduct of utilities support are covered under the MPS's contained in Section 6D GENERAL ENGINEERING SUPPORT. No MPS's were developed for civil affairs support as civil affairs support is provided by all individuals and elements of the MEF to achieve the established civil affairs goals of the command. Civil affairs units, when tasked organized, are normally assigned to the MEF command element.

The tactical scenario may be such that not all tasks are planned to be or can be evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. It is anticipated that commanders will evaluate these areas during the course of subsequent training opportunities.

6F.1 SECURITY SUPPORT

TASK: 6F.1.1 PLAN SECURITY SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against I hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The operation is being conducted at the request of the host nation's government. The FSSG has begun security support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Requests intelligence and combat information on the enemy, perceived threat in the rear areas, area of operations, and weather.

.2 ____ Requests specia‌L topographic products which show the road and rail networks, population centers, dams, power plants, and hospitals.

.3 ____ Requests information on disposition of friendly forces within the support areas.

.4 ____ Provides MP input into the FSSG CSS estimate of supportability.

.5 ____ The FSSG SOP contains appropriate procedures for the development of MP input for FSSG plans and order.

.6 ____ Identifies requirements for battlefield circulation control support (see Task 6F.1.2 Plan Security Support For Battlefield Circulation Control).

.7 ____ Identifies requirements for area security support (see Task 6F.1.3 Plan Security Support For Area Security).

.8 ____ Identifies requirements for general law and order operations (see Task 6F.1.4 Plan Law And Order Operations).

.9 ____ Identifies requirements for enemy prisoner of war control (see Task 6F.1.5 Plan Enemy Prisoner of War Control).

.10 ____ Plans logistical needs of MP operations, including POL for vehicles, administrative supplies, and special equipment.

.11 ____ Plans for redundancy in cases of vehicle and equipment breakdown.

.12 ____ Determines primary and alternate MP communication requirements.

.13 ____ Identifies and consolidates MP personnel and equipment and then determines augmentation requirements.

.14 ____ Insures planned Locations of MP facilities are tactically sound for conditions.

.15 ____ Coordinates security support between the MP units assigned to the ACE and the TSO to ensure a unity of effort.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6F.1.2 PLAN SECURITY SUPPORT FOR BATTLEFIELD CIRCULATION CONTROL

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a major foreign power. The MEF is currently in transit. The FSSG continues detailed security support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Performs a map reconnaissance, advance route reconnaissance, and/or the use of aerial photographs to identify restricting terrain, bridges, population centers, and other critical features located along main supply routes (MSR's), lines of communications (LOC's), and alternate routes which could require control measures to ensure smooth and efficient use of the road network.

.2 ____ Determines, with G-1 and civil affairs personnel, the expected refugee population and, based on the rules of engagement, the means and methods to prevent interference with military operations.

.3 ____ Requests information from motor transport detachment on dispatching authority.

.4 ____ Requests priorities of movement from GCE/ACE/CSSE commander and disseminates the information throughout MP units.

.5 ____ Participates in the development of the traffic circulation plan, and coordinates the identification of military route numbers, directions of travel, lightlines and blackout signs, classification of routes, and the location of MP traffic control points.

.6 ____ Plans routes for refugees/stragglers to prevent interference with military traffic.

.7 ____ Coordinates with civil affairs to arrange for disposition of refugees.

.8 ____ Recommends the establishment of static MP positions such as control points, roadblocks, and checkpoints at critical locations.

.9 ____ Ensures that alternate routes, holding areas, and pursuit vehicles are planned for each traffic control/check point.

.10 ____ Participates in the development of convoy procedures to ensure movements of vehicles are coordinated, programmed, and monitored from their points of origin to their final destination, e.g., march routes both primary and alternate, size of convoy, communications frequencies, MP support requirements, etc. (see Task: 6C.2.1 Conduct Convoy Operations).

.11 ____ Participates in the development of MSR regulations.

.12 ____ Develops a schedule of MP mobile patrols along MSR's and alternate routes to report on the flow of traffic, effects of weather on the route, changes to the route, signs of enemy activity, and enforcement of the control classification and control measures.

.13 ____ Schedules MP patrols to reconnoiter additional routes to verify the type and number of routes that are available, load classification, route widths, obstructions, and restrictions to support future plans.

.14 ____ Ensures that control measures were imposed for all route reconnaissance patrols.

.15 ____ Ensures provisions are made to provide the MP's with a night visibility as well as a cross county capability.

.16 ____ Coordinates with G-1 to plan for return of stragglers classified as lost to their commands.

.17 ____ Coordinates with G-1 to plan the apprehension and disposition of deserters.

.18 ____ Coordinates with medical detachment to arrange for evacuation and treatment of stragglers who are injured.

.19 ____ Ensures procedures for accident reporting and investigating are established and coordinated with motor transport.

.20 ____ Coordinates with adjacent MP units to ensure that military traffic moves along MSR's smoothly, quickly, and with the least interference.

.21 ____ Plans for the use of MSR traffic control signs.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6F.1.3 PLAN SECURITY SUPPORT FOR AREA SECURITY

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a major foreign power. The MEF is currentLy in transit. The FSSG continues detailed security support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates with the tactical security officer (TSO) to ensure the most efficient use of all security assets.

.2 ____ Identifies those facilities, units, convoys, MSR and LOC critical points, and persons that require MP security support.

.3 ____ Plans MP mobile and foot patrols to maintain security of the MSR's and LOC's.

.4 ____ Plans MP mobile and foot reconnaissance patrols along MSR's, LOC's, and surrounding terrain to gather and disseminate intelligence on enemy activity in the rear area.

.5 ____ Plans for offensive and defensive operations, within capabilities, against minor enemy units operating in the rear area.

.6 ____ Assists in coordination of a plan for a reaction force capability to include control measures.

.7 ____ Ensures unit SOP provides guidance for area security operations.

.8 ____ Requests essential elements of friendly and enemy information.

.9 ____ Considers the threat in coordinating the Interior Guard manning requirements from owning units.

.10 ____ Identifies necessary personnel and equipment support early in the planning.

.11 ____ Coordinates access procedures and ensures the movement of civilians and unauthorized personnel in and around the facilities is restricted and controlled. (KI)

.12 ____ Plans for the use of wire communications whenever possible.

.13 ____ Determines the needs for night security and surveillance.

.14 ____ Ensures that physical security plans are in compliance with current directives.

.15 ____ Considers all physical security means in devising plans. (KI)

.16 ____ Identifies any requirement to provide personal security details to VIP's.

.17 ____ Ensures that those Marines assigned to protective service details are specially trained, well briefed, and equipped with secure communications equipment to coordinate the security missions.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RESTRICTED ACCESS

Restriction and control of defensive area entry and exit procedures are to be rigidly enforced. A system which allows thorough screening and the protection of U.S. personnel and equipment is planned. This system is three tiered at a minimum. The first tier consists of signs which indicate who may enter, and posts the rate of speed for vehicles approaching the checkpoint. The second tier, the trigger position, is where searches are conducted as well as identification is checked. The third tier is where weapons capable of destroying incoming vehicles are Located; e.g., AT-4, MK-19, SMAW, and ,50 cal machinegun. Special orders for each post are established, and accordingly the last tier has the well defined mission to destroy, immediately, any vehicle passing the checkpoint without proper authorization.

PHYSICAL SECURITY MEANS

Physical security specialists must consider all means available in order to devise the most effective plan possible. This includes but is not limited to: Intrusion Detection System, interior guard structuring, night vision devices, lighting, access control, barriers, containers, locks, etc.

TASK: 6F.1.4 PLAN LAW AND ORDER OPERATIONS

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a major foreign power. The MEF is currently in transit. The FSSG continues detailed security support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates directly with local forces, upon MEF approval and per applicable international agreements, to control the civilian population, to prevent mutual interference, and to facilitate prisoner transfers.

.2 ____ Plans for a law enforcement capability to enforce the laws of war and those orders as established by commanders having the appropriate jurisdiction.

.3 ____ Advises commanders on potential criminal activities, and recommends control measures and resource requirements to carry them out.

.4 ____ Plans for a criminal investigation capability to include the investigation of offenses against U.S. forces or property, and violations of international agreements of land warfare (war crimes).

.5 ____ Develops crime prevention programs to heighten the awareness of all units of the MEF of the detrimental effects of criminal activities; i.e., sale of illicit drugs, black market operation, theft and pilferage.

.6 ____ Recommends a command policy on the detention of U.S. military prisoners and coordinates provisions for the implementation of this policy to include equipment requirements and personnel augmentation necessary to establish a detention facility.

.7 ____ Coordinates with G-l for the disposition of all law enforcement reporting to include a military police blotter/incident complaint report/criminal investigation report system and to identify distribution.

.8 ____ Plans in coordination with TSO/RAOC for the use of special reaction team to accomplish mission of riot/disaster control and major incident handling.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6F.1.5 PLAN ENEMY PRISONER OF WAR CONTROL

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a major foreign power. The MEF is currently in transit. The FSSG continues detailed security support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Estimates the anticipated Enemy Prisoner of War (EPW) capture rate in coordination with the operational planners.

.2 ____ Integrates the plan for collecting and evacuating EPW's with the GCE's ground scheme of maneuver.

.3 ____ Coordinates control measures (i.e. hand off points, contact teams) between separate MP units both within and external to the MEF.

.4 ____ Coordinates with the MEF SJA/civil affairs for transfer of civilian internees to host nation custody.

.5 ____ Based on the anticipated EPW numbers. coordinates the development of food, water, class IV supplies, and transportation requirements.

.6 ____ Ensures the definition of civilian internees (CI's) is established, easily understood, and promulgated.

.7 ____ Identifies personnel and equipment augmentation requirements, including construction materials for GCE/ACE/CSSE collection points/holding facilities.

.8 ____ Plans crowd control procedures to include the provision for public address equipment and riot control agents (when directed by the MEF).

.9 ____ Prepares and schedules instruction to augmentees on the provisions of international agreements and regulations relating to EPW's.

.10 ____ Establishes the procedures to segregate EPW's by sex and type; i.e., officers, NCO's, nonrated, and civilian combatants, and ensure accountability. (KI)

.11 ____ Insures provisions are made to return impounded personal items, protective clothes, and protective equipment to the EPW's.

.12 ____ Coordinates transportation support to provide for the speedy movement of EPW's to minimize the time prior to processing.

.13 ____ Ensures procedures are specified to safeguard EPW's from abuse and from the hazards of enemy fire.

.14 ____ Coordinates with ITT personnel to ensure provisions are made to allow for the opportunity to interrogate EPW's.

.15 ____ Coordinates health services care and evacuation procedures established to ensure enemy casualties receive the same health services care and MEDEVAC priority as friendly casualties with any difference in treatment based solely on medical reasons. (KI)

.16 ____ Coordinates the location and construction establishment of temporary EPW/CI internment facilities/holding areas.

.17 ____ Ensures provisions for the application of force in quelling riots and other disturbances are in accordance with the Geneva Convention.

.18 ____ Establishes procedures for handling persons determined by an article V tribunal not to be prisoners of war.

.19 ____ Minimizes field processing requirements for EPW by using personnel record forms and establishing procedures for their use, including finger printing and/or photography.

.20 ____ Coordinates the augmentation of medical personnel within the MEF processing area for medical screening, delousing, and weight checking.

.21 ____ Plans for proper sanitary arrangement within the MEF holding facility.

.22 ____ Plans for the proper treatment of female EPW's, with respect to their sex.

.23 ____ Plans and coordinates the final evacuation of EPW's to the Army theater EPW compound.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SEGREGATION

The segregation of EPW's first requires that individual EPW's be identified as belonging to a particular category. While time and combat conditions may not permit the detailed interrogation of EPW's to make all such determinations, it should be possible to readily identify and separate EPW's according to status (officers/enlisted) and sex.

HEALTH SERVICES CARE

EPW's are entitled to the same health services care as friendly casualties, to include MEDEVAC priority. Any difference in treatment must be based solely on medical considerations.

TASK: 6F. 1.6 CONDUCT BATTLEFIELD CIRCULATION CONTROL

CONDITION(S): The MEF has begun landing units ashore. The area of operations is inhabited and intelligence sources report that small enemy units (4-5 men) remain in the rear. Civilian traffic has clogged many of the roads in the area of operations. The enemy has direct and indirect fire, both rotary and fixed-wing aircraft, and EW capabilities. The MEF commander has determined the MP priority of effort will be toward battlefield circulation control.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures MP's are landed early.

.2 ____ Assists control over movement on and through the beach area or expeditionary airfield.

.3 ____ Establishes immediate liaison with civilian authorities and implements procedures to preclude civilian interference with military operations.

.4 ____ Establishes mobile patrols on MSR, LOC, and alternate routes to verify trafficability, identify obstacles, chokepoints, and the level of civilian traffic on the road.

.5 ____ Establishes communication nets, and maintains secure communications on designated nets.

.6 ____ Implements the traffic circulation plan as developed and coordinated, and makes recommendations based on changes in the situation, identified problems, and threat.

.7 ____ Properly classifies stragglers and processes them accordingly. (KI)

.8 ____ Resupplies and supports all circulation control points and MP positions.

.9 ____ Establishes holding areas with regards to tactical and traffic considerations. (KI)

.10 ____ Properly marks alternate routes and provides strip maps at TCP'S.

.11 ____ Establishes holding areas for vehicles and pedestrians at all check points.

.12 ____ Prepares defensive positions at all check points to provide fire protection to the challenging area.

.13 ____ Pursuit vehicles are present at all check points, control points, and road blocks.

.14 ____ Defiles are positively controlled at all times with provisions for clearing the route and operating holding areas at each end.

.15 ____ Dismount points are positively controlled at all times with regard to tactical necessities.

.16 ____ Utilizes aerial reconnaissance assets to collect information on flow of traffic, location of convoys, and surveillance.

.17 ____ Demonstrates the ability to operate on a 24 hour basis.

.18 ____ Ensures routes are properly marked.

.19 ____ Regulates the flow of civilian and military traffic according to plan, and ensures civilian traffic does not impede military operations.

.20 ____ Formulates recommendations for the reduction of traffic accidents based on accident reports.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

STRAGGLER CLASSIFICATION AND PROCESSING

Stragglers are classified and processed as follows: LOST = those individuals separated from their units inadvertently through no fault of their own. Lost personnel are identified, their ID's recorded, and put on transportation back to their parent units. Disoriented/disabled = those individuals separated from their units because of medical condition. Disoriented/disabled personnel are evacuated through medical channels. Deserter = those individuals who have deliberately left their parent unit, as evidenced by discarding of uniforms, weapons and/or equipment, hiding from friendly units or other circumstances equating to probable cause. Deserters are apprehended and detained until they are returned to their parent units for disciplinary action.

HOLDING AREAS

Holding areas are designed for the smooth flow of traffic in addition to avoiding vulnerability to enemy attack. Considerations must include: soil trafficability, clear access to MSR, adequate room for vehicular dispersion, and concealment, and ensuring the first vehicle in is the first vehicle out. Holding areas should be used only if rerouting is not possible.

TASK: 6F.1.7 CONDUCT AREA SECURITY OPERATIONS

CONDITION(S): The MEF is ashore and conducting a build up of support. Other facilities and areas are being used to guard EPW's; store ammunition, fuel, weapons, and supplies; and to repair evacuated equipment and rolling stock. The ACE is established at an expeditionary airfield. The MEF commander has determined that the MP priority of effort will be toward area security.

STANDARDS: EVAL: Y; N; NE

.1 ____ Provides physical security as required far key facilities, units, convoys, MSR and LOC critical points, and persons requiring military police support designated by the commander.

.2 ____ Conducts area reconnaissance utilizing mobile and foot patrols to identify possible DZ's, LZ's, and likely enemy rally points and avenues of approach, and disseminates intelligence gathered to the appropriate authorities.

.3 ____ Conducts mobile and foot patrols to maintain security of the MSR's, LOC's, and rear area.

.4 ____ Ensures control over restricted areas so that no unauthorized persons are able to enter.

.5 ____ Patrols designated areas in proximity to restricted areas.

.6 ____ Has positive redundant communications between all MP positions and facilities, to report, to call for the reaction forces, and to call and control indirect fire support.

.7 ____ Conducts offensive and defensive operations, within capabilities, against minor enemy units operating in the rear area.

.8 ____ Continues to train and inspect personnel who stand watches.

.9 ____ Ensures a system of accountability when providing security for weapons, money, or other highly pilferable materiel.

.10 ____ Establishes an inspection program to ensure physical security measure are per current directives.

.11 ____ Uses a personnel identification, controlled access system at access control points.

.12 ____ Ensures access authorization letters are present and utilized at access control points.

.13 ____ Enhances physical security measures during night time.

.14 ____ Plans and conducts protective service details to include providing principals with protective gear if needed.

.15 ____ Properly searches principal vehicle prior to movement and equips for protection.

.16 ____ Makes liaison with all supporting units prior to moving principal. (KI)

.17 ____ Makes a route reconnaissance prior to moving principal.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

PRINCIPAL MOVEMENT

In personnel security, all units supporting the movement, berthing, or providing services to the principal must be contacted to insure reliability of personnel and equipment committed in addition to preventing significant delays in movement which results in increased vulnerability.

TASK: 6F.1.8 CONDUCT LAW AND ORDER OPERATIONS

CONDITION(S): The MEF is established ashore. Combat operations have slowed to mopping up pockets of resistance. The area of operations has a large civilian population that presents a level I threat to U.S. facilities and personnel. Criminal acts by and against U.S. forces and the civilian population are on the increase. The MEF commander has determined that the MP priority of effort will be toward law and order operations

STANDARDS: EVAL: Y; N; NE

.1 ____ Establishes and maintains coordination with local authorities.

.2 ____ Ensures provisions of SOFA agreement and LOA regarding U.S. law enforcement of civilian population are understood and followed.

.3 ____ Ensures traffic accident investigations are completed by trained personnel per current directives.

.4 ____ Ensures accident reports are completed and distributed, as required.

.5 ____ Coordinates with NIS, local authorities, and other law enforcement personnel and agencies to determine local crime problems.

.6 ____ Makes recommendations based on an awareness of local crime problems, and measures to be taken to prevent crimes from occurring.

.7 ____ Initiate: criminal investigations and uses the expertise of NIS and the capabilities provide by their worldwide network, as available.

.8 ____ Provides the MEF the capability to process and evacuate military prisoners.

.9 ____ Receipts for all prisoners received from other agencies.

.10 ____ Establishes patrolling and crime prevention programs.

.11 ____ Conducts proper apprehension procedures.

.12 ____ Processes suspects into detention facility or for return to parent command. (KI)

.13 ____ Establishes and operates a detention facility.

.14 ____ Properly conducts detention procedures.

.15 ____ Ensures search and seizure procedures are correctly followed with regard to probable cause, custody receipts, and chain of custody.

.16 ____ Establishes 24 hour law enforcement capability and provides MP blotter/incident complaint report/criminal investigation reporting system.

.17 ____ Ensures that all MP’s sign deadly force affidavits prior to arming.

.18 ____ Ensures that pre and post duty briefings are held.

.19 ____ Ensures initial response to major incidents, terrorist incidents, or disaster/riot includes establishment of CP and isolation of area.

.20 ____ Establishes crowd control immediately upon arrival at a disaster/riot incident.

.21 ____ Gathers intelligence information throughout incidents and reports to the on-scene commander. (KI)

.22 ____ Ensures special reaction teen responds within a reasonable time. (KI)

.23 ____ Establishes whether riot control agents will be authorized to quell civil disorders.

.24 ____ Neutralizes special threat area/group with minimal interference to military operations. (KI)

.25 ____ Provides information to the FSSG commander throughout an incident.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SUSPECT/PRISONER DETENTION RECEIPT

When operating a detention facility, MP's must be sure to receipt for each prisoner/suspect on DD Form 629.

INTELLIGENCE INFORMATION

Information of interest to the on scene commander would include location of riot instigators, changes in situations, previously unseen situations/conditions, etc. This requires that all MP's involved in the operation remain keenly alert and report everything that varies from the initial brief to the commander.

REASONABLE RESPONSE TIME

Due to varying conditions, the definition of this factor is left up to the subjective evaluation of the evaluator.

NEUTRALIZATION

Neutralization will be the apprehension or incapacitation of suspects.

TASK: 6F.1.9 CONDUCT ENEMY PRISONER OF WAR OPERATIONS

CONDITION(S): The MEF has begun landing units ashore. Combat operations by MEF forces has resulted in the capture of numerous enemy personnel. The MEF commander has determined that the priority of effort of the military police will be enemy prisoner of war operations.

STANDARDS: EVAL: Y; N; NE

.1 ____ Coordinates the construction of expedient facilities to handle EPW's and CI's.

.2 ____ Clearly posts rules for the holding facility in each prisoner population area.

.3 ____ Marks holding facility according the Geneva Convention and current regulations. (KI)

.4 ____ Demonstrates the ability to evacuate EPW's in a timely manner and coordinate processing to facilitate exploitation by intelligence personnel.

.5 ____ Ensures EPW's are properly tagged with required information prior to acceptance from capturing unit.

.6 ____ Searches EPW's for concealed weapons prior to acceptance from capturing unit.

.7 ____ Searches EPW's in detail, during processing, for material of intelligence value.

.8 ____ Classifies equipment separated from EPW's as impounded, confiscated, or retained and process it accordingly. ensuring accountability at all times. (KI)

.9 ____ Segregates EPW's by sex and type; i.e., officers, NCO's, nonrated, and civilian combatants, and ensure accountability.

.10 ____ Coordinates medical care and screening for EPW's.

.11 ____ Prepares personnel record forms for each EPW including personnel data, finger prints and/or photograph, and weight register.

.12 ____ Ensures EPW's with high intelligence value are rapidly taken to the MEF collecting point.

.13 ____ Demonstrates the capability to control prisoner riots and prevent escapes; i.e., holding area barriers, bonds, riot control equipment, interpreters, night lighting, and public address equipment.

.14 ____ Delivers EPW's to MEF collecting point within 24 hours of capture.

.15 ____ Separates and safeguards EPW's who claim deserter status from other EPW's.

.16 ____ Processes EPW's according to instructions regarding final disposition.

.17 ____ Coordinates with civil affairs groups or Army C.A. Brigade concerning EPW control facilities and disposition of civilian internees.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

PROPERTY CLASSIFICATION

All property accompanying EPW's to the holding facility is classified into one of three categories.

1. RETAINED: Includes all personal effects that can not be used as a weapon against guards or for bribing guards. Also all protective gear must be retained or can be replaced by items offering equivalent protection.

2. IMPOUNDED: Items of no intelligence value taken from the prisoner which will be returned upon release of prisoner. These items include: money or valuables, common weapons, knives and forks, and other personal belongings. These items must be inventoried and receipted by the prisoner. Accountability must be maintained.

3. CONFISCATED: Those items of particular intelligence value which will be taken from the prisoner and not returned. Tagging these materials and listing the conditions of capture is vital.

MARKING HOLDING FACILITY

Provisions of international law dealing with treatment of prisoners of war requires that holding facilities be marked with "PW". Marking will be visible from the air to preclude a bombing attack by enemy forces on their own personnel. This does not serve as an excuse to camouflage facilities from ground attack or disguising the side of the facility. This international treaty also forbids the collocation of the holding facility with other military facilities in an effort to extend this protection.

6F.2 INFORMATION SYSTEMS (IS) SUPPORT

TASK: 6F.2.1 PLAN INFORMATION SYSTEMS (IS) SUPPORT

CONDITION(S): The MEF has received an initiating directive alerting it of its imminent participation in an expedition against a hostile foreign power. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a major foreign power. The FSSG has begun information systems (IS) support planning.

STANDARDS: EVAL: Y; N; NE

.1 ____ Develops a Concept of Employment (CoE) for Information Systems Support (155) to be established as a component of operational planning.

.2 ____ Prepares appendix 7 to annex K of the operations order.

.3 ____ Conducts predeployment coordination between ISST, functional managers, and CEO to establish a data communication system.

.4 ____ Conducts predeployment coordination between ISST, functional managers, and CEO to provide far nonelectronic backup methods, where electronic measures were the primary method.

.5 ____ Conducts predeployment coordination between ISST and functional managers to review ISS requirements.

.6 ____ Conducts a predeployment exercise in which all essential automated systems procedures and applications are tested, prior to embarkation.

.7 ____ Reviews and updates standard operating procedures for deployed ISS in coordination with the systems functional sponsor to reflect CoE considerations.

.8 ____ Tests all essential information system procedures and applications prior to embarkation, if a predeployment exercise is conducted.

.9 ____ Coordinates with GCE, ACE, and FSSG regarding ISS requirements, ISS asset disposition, and support request procedures.

.10 ____ Establishes processing priorities and resource allocations, in coordination with local functional managers, and includes them in the MEF operation order.

.11 ____ Conducts training (as required) to ensure familiarity with AIS use, capabilities, and data flow considerations.

.12 ____ Conducts an operational readiness inspection within each deploying unit to ensure readiness of organic ISS, as needed by the unit’s inspection staff.

.13 ____ Develops and tests a production schedule that defines data collection procedures, cutoff times for class I AIS data entry submissions, cycle frequencies, distribution procedures, and data transfer time-frames.

.14 ____ Establishes and executes configuration management procedures to ensure version consistency among deployed units.

.15 ____ Establishes an SOP for embarkation and deployment of the Information Systems Support Team and ADP equipment.

.16 ____ Identifies and includes MEF information systems equipment distribution in the operation order.

.17 ____ Develops and executes procedures for the identification, evacuation, and repair of ISS equipment in conjunction with the organic maintenance unit.

.18 ____ Establishes and exercises automated and manual backup procedures to replace automated information systems which provide support to primary CSS functions.

.19 ____ Coordinates automated data system communications requirements.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6F.2.2 EXECUTE CLASS I AUTOMATED INFORMATION SYSTEM (AIS)

CONDITION(S): The operations order has been issued. The operation has commenced. A Class I Automated Information System is directed and planned for.

STANDARDS: EVAL: Y; N; NE

.1 ____ Provides mission essential automated support for the supply function.

.2 ____ Provides mission essential automated support for the maintenance function.

.3 ____ Provides mission essential automated support for the transportation function.

.4 ____ Provides mission essential automated systems support for disbursing functions.

.5 ____ Provides mission essential automated systems support for aviation functions.

.6 ____ Provides mission essential automated systems support for message preparation.

.7 ____ Tests and loads all applicable updates including class I and II systems in support of CSS.

.8 ____ As required in support of automated CSS requirements, executes Class I AIS in the FCSSA.

.9 ____ Provides output to the supported functional representative in a manner responsive to users needs.

.10 ____ Resolves within 12 hours, Class I production jobs that abnormally and execution.

.11 ____ Resolves Class I application system malfunctions within 48 hours.

.12 ____ Reports Class I AIS deficiencies to the appropriate system sponsor via the local functional manager.

.13 ____ Provides ad hoc information retrievals in a manner responsive to users needs.

.14 ____ Installs, tests, and executes Class I/II application software to support deployed system requirements.

.15 ____ Ensures system documentation is available to functional users at the using unit level.

.16 ____ Maintains backup copies of application software and data on site but separate from the primary copies.

.17 ____ Coordinates directly between the ISST and the functional managers for each AIS.

.18 ____ Coordinates the preparation and transmission of data from the MEF to the RASC assigned as the GDEP.

.19 ____ Aggregates, processes, and forwards the MEF’s data to the GDEP using AUTODIN, courier, or the mail.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6F.2.3 EMPLOY FMF-EUCE

CONDITION(S): The MEF is using organic automated data processing equipment for Class I/II automated information systems processing. Support is directed for all phases of the operation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts operational readiness inspections on all organic and temp-loaned FMF-EUCE devices, as needed by the unit’s inspection staff.

.2 ____ Trains functional users of FMF-EUCE in the operation and preventive maintenance of the devices.

.3 ____ Installs FMF-EUCE devices in a deployed environment. (KI)

.4 ____ In coordination with organic engineer support, ensures adequate power and electrical grounding for FMF-EUCE devices. (KI)

.5 ____ Establishes and exercises system security procedures. (KI)

.6 ____ Ensures a predeployment data download plan is in effect for class I/II applications software to include data entry and report generation functions.

.7 ____ Trains functional users of FMF-EUCE devices in the execution of class I/II application software to include data entry and report generation functions.

.8 ____ Identifies 20 of consumables supplies for FMF-EUCE devices

.9 ____ Identifies source of alternative FMF-EUCE devices.

.10 ____ Establishes and exercises manual backup procedures to replace the automated system implemented on FMF-EUCE equipment.

.11 ____ Provides adequate numbers of FMF-EUCE devices to support mission essentials data entry requirements within each deployed unit.

EVALUATOR INSTRUCTIONS None.

KEY INDICATORS:

FMF-EUCE REQUIREMENTS

MCO P5230.10A provides specific requirements for installation, power requirements, and security for the FMF-EUCE.

TASK: 6F.2.4 END USER COMPUTING EQUIPMENT (EUCE) EMPLOYMENT

CONDITION(S): The MEF is using organic automated data processing equipment for Class I/II automated information system processing.

STANDARDS: EVAL: Y; N; NE

.1 ____ Employs sufficient EUCE assets to meet existing workstation requirements in support of mission essentials information access/decision support system needs.

.2 ____ Meets operational EUC reliability requirement of the deployed unit. (KI)

.3 ____ Implements and installs, as much as possible, EUC equipment in proper environmental conditions.

.4 ____ Provides power and grounding to all EUC devices.

.5 ____ Embarks 30 days of consumable supplies and identifies source of resupply.

.6 ____ Uses standard proprietary software (Word Star, dBase III+, Lotus 1-2-3) to support user unique decision support requirements.

.7 ____ Provides user training which enables commands to use the EUC for individual unit applications and/or decision support aids.

.8 ____ Establishes manual backup procedures for all EUC based applications.

.9 ____ Establishes classified data control procedures and implements them per current security guidance.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RELIABILITY

This is included as a functional requirement. (If the task cannot be accomplished; i.e., over a period of time, the community at large cannot perform the task, then it appears as an equipment deficiency).

TASK: 6F.2.5 DEPLOYABLE FORCE AUTOMATED SERVICE CENTER (DFASC) EMPLOYMENT

CONDITION(S): The FSSG is ashore and conducting a buildup of support in the FCSSA. The FCSSA is tacticalLy secure, allowing for the positioning of the DFASC.

STANDARDS: EVAL: Y; N; NE

.1 ____ Ensures the DFASC is operational within 24 hours of arrival in the FCSSA.

.2 ____ Ensures a stable power source is available as required by the DFASC.

.3 ____ Ensures power conditions are monitored on an hourly basis and remain within thresholds.

.4 ____ Ensures temperature/humidity conditions in the DFASC vans are monitored on an hourly basis and maintained within equipment thresholds.

.5 ____ Ensures emergency shutdown procedures are established.

.6 ____ Ensures an ADFASC contingency plan has been prepared.

.7 ____ Ensures contingency procedures include the identification of alternate processing sites, backup data repositories, and reconstruction of mission essential data structures.

.8 ____ Ensures a production schedule has been established outlining DFASC operations, Class I AIS cycle times, data entry cut off times, and output distribution procedures.

.9 ____ Ensures procedures for the execution of "as requested" Class II applications have been established and exercised.

.10 ____ Ensures operations documentation (runbooks) are available for all Class I/II AIS implemented on the DFASC and conforms to current Marine Corps standards.

.11 ____ Ensures user’s manuals for all Class I/II applications are present.

.12 ____ Ensures technical manuals for all equipment and systems software are present.

.13 ____ Ensures maintenance is performed by customer engineer per current maintenance plans.

.14 ____ Ensures maintenance records are prepared and retained per current maintenance plans.

.15 ____ Ensures an ADPE repair parts block is deployed and managed as a component of DFASC operations.

.16 ____ Ensures procedures are established and exercised which enable periodic validation of the accuracy of mission essential information residing on the DFASC.

.17 ____ Ensures procedures are established and exercised which control the physical access to data residing on the DFASC.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

6F.3 GRAVES REGISTRATION SUPPORT

TASK: 6F.3.1 PLAN GRAVES REGISTRATION SUPPORT

CONDITION(S): The MEF has been alerted of imminent participation in an expedition against a major foreign power. The FSSG has been alerted to begin planning for graves registration support to the MEF. The MEF command element has determined that it may be necessary to operate a temporary cemetery facility.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains an SOP establishing graves registration procedures.

.2 ____ Task organizes a graves registration platoon consisting of school trained personnel from organic personnel assets.

.3 ____ Conducts training for search and recovery teams from MEF ground and aviation units in the proper procedures to ensure the dead are collected, identified, and evacuated to the MEF casualty collection point.

.4 ____ Plans for the establishment and operation of the MEF casualty collection point to process the dead. (KI).

.5 ____ Establishes casualty collection teams of trained experts to search combat areas for casualties not recovered by combat units and to investigate/recover aircrew remains from crash sites in conjunction with ACE elements.

.6 ____ Establishes casualty reporting procedures to ensure graves registration platoon personnel report the death to the unit the deceased belonged to as well as the MEF command element.

.7 ____ Plans for the establishment and operation of temporary cemetery facilities.

EVALUATOR INSTRUCTIONS: FMFM 4-8A provides guidance on procedures for graves registration.

KEY INDICATORS:

CASUALTY COLLECTION POINT PROCESSING

Casualty collection point processing will consist of positive identification of the deceased, inventory and security of any personal effects, preparation of the body for shipment or temporary interment, and procedures for maintaining liaison with the U.S. Army Cadaver Collection Point (if the U.S. Army will be providing this service to the MEF).

6F.4 MISCELLANEOUS SERVICES SUPPORT

TASK: 6F.4.1 PLAN MISCELLANEOUS SERVICES SUPPORT

CONDITION(S): The MEF has been alerted of its imminent participation in an expedition against a major foreign power. The FSSG has been alerted to begin planning CSS support for the MEF. The MEF command element has determined that extended operations may be necessary and that planning should be conducted far providing postal, disbursing, exchange, and legal services to the MEF.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains an SOP/SOP's establishing postal, disbursing, exchange, and Legal serVIces procedures.

.2 ____ Plans for postal support to include the receipt, processing and timely delivery of personal mail, official correspondence, and other material.

.3 ____ Prepares censorship procedures per MEF CE guidance to enhance operational security.

.4 ____ Plans for disbursing support to include the accounting and payment of military pay to troops and the outlay of dollars for obligations incurred by Marine forces, payment of claims, civilian wages, contract wages, check cashing for military personnel, and procurement of foreign currency as required.

.5 ____ Plans for exchange services support to include the procurement, storage, and sales of both necessity and health and comfort items not provided as Class VI (personal demands) items.

.6 ____ Plans for legal services support beyond the requirements/capabilities of the organizational SJA to include assistance in areas concerning the law of war, international law, status of forces, and military claims.

EVALUATOR INSTRUCTIONS: Evaluator should ensure that the procedures established through the SOP's adequately address the establishment and operations for the above miscellaneous services.

KEY INDICATORS: None.

SECTION 6G

STANDARDS APPLICABLE TO ALL EVALUATIONS

ENCLOSURE (1)

TABLE OF CONTENTS

INTRODUCTION:

This section contains two MPS's. The first MPS, Continuing Actions by Marines, deals with the performance of individual Marines and their contribution to survivability and the operational goals of the organization. The second MPS, NBC operations, is designed to cover the areas of command and control and unit performance during NBC operations.

It is understood that the exercise scenario will not always allow each of these tasks and standards to be evaluated in their entirety. However, all scenarios will allow at least a portion of these tasks and standards to be evaluated. The evaluator, merely notes "not evaluated" on his evaluation sheet for those areas not applicable. It is anticipated that commanders will evaluate these N/A areas during the course of subsequent training opportunities.

6G. 1 CONTINUING ACTIONS BY MARINES

TASK: 6G.1.l DEMONSTRATE DISCIPLINE

CONDITION(S): Under all tactical conditions.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains self discipline. (KI)

.2 ____ Maintains fire discipline. (KI)

.3 ____ Maintains supply discipline. (KI)

.4 ____ Maintains communication discipline. (KI)

.5 ____ Maintains noise discipline. (KI)

.6 ____ Maintains Light discipline. (KI)

.7 ____ Maintains hygienic discipline. (KI)

.8 ____ Maintains maintenance discipline.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SELF DISCIPLINE

Calm, resolute, and positive acceptance of orders and directives by Marines who give the appearance they are making an honest attempt to participate fully in the achievement of the goals of the field evaluation. Participation is enforced by leaders.

1. Marine’s weapon, 782 gear, and personal gear is mounted/stowed as per unit SOP.

2. Marines weapons and equipment are stowed in a manner that allows access to them within 30 seconds.

FIRE DISCIPLINE

When engaged, Marines employ their firepower in an orderly and organized fashion. Lax fire discipline is not tolerated by unit leaders. Ammunition is readily available to replenish crew weapons.

SUPPLY DISCIPLINE

Marines do not waste unit supplies. Supplies are safeguarded from the enemy and protected from the weather. Supplies are not scattered as utter on the terrain. Waste is not tolerated by the leader. All water, POL, food, and ammunition is stowed internally/externally as per a unit SOP.

COMMUNICATIONS DISCIPLINE

Marines operating radios do not waste transmission time with frivolous or personal message traffic. Standard prowords are employed and communication checks are Limited to those required. Officers operating radios adhere to standards of performance required of all radio operators. In the static position, wire communication is utilized where possible.

NOISE DISCIPLINE

During operations, Marines of the unit exhibit restraint with regard to noise. Leaders do not tolerate noisy conduct during security guard and patrols or under any circumstance during darkness.

1. In the static posts, radio speakers are turned down so that transmission noise is kept to a minimum.

2. All OP/LP's preferably linked with communication wire telephones.

LIGHT DISCIPLINE

Marines keep light use to a minimum and consistent with accomplishment of assigned missions. Leaders do not tolerate lax light discipline. Sentries posted at night check for light leaks.

HYGENIC DISCIPLINE

Marines exhibit knowledge of and practice good field sanitation. They do not leave trash, garbage or debris in the field to create health hazards. Leaders enforce hygienic discipline. They actively promote field sanitation and personal hygiene by enforcing use of designated heads, good personal health habits, police of the area, and inspection of foot and body sores.

1. All personnel are clean shaven (to prevent inadequate sealing of the Field Protective Mask) and shave at least every 48 hours.

2. Unit personnel prepare, use, and fill cat holes, as necessary, throughout mobile operations.

3. Garbage is buried, or sacked and transported as may be provided by unit SOP.

4. Biohazardous waste is managed in accordance with current directives.

TASK: 6G.l.2 CONDUCT PREVENTIVE MAINTENANCE IN THE FIELD

CONDITION(S): Under all combat and field conditions.

STANDARDS: EVAL: Y; N; NE

.1 ____ Includes preventive maintenance emphasis during planning. (KI)

.2 ____ Assigns areas of responsibility for PM to operators.

.3 ____ Supervises operators in preventive maintenance.

.4 ____ Displays a sense of urgency when conducting PM. (KI)

.5 ____ Conducts preoperation checks according to a unit SOP and current first echelon technical manuals.

.6 ____ Follows proper start up and warm up procedures before moving out.

.7 ____ Schedules halt checks during long movements. (KI)

.8 ____ Performs checks during scheduled halts or whenever the unit halts for any length of time.

.9 ____ Follows proper cool down procedures before shutting down.

.10 ____ Performs continuous maintenance on all weapons and equipment.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

PLANNING

During planning for operations, leaders must allow sufficient time for PM to be performed in the assembly area. During long movements, provision must be made for halt checks, the duration and frequency of which should be covered by unit SOP.

ENTHUSIASM OF CREWMEN

When vehicle crewmen are conducting halt checks and performing PM, they must go about their business in an aggressive, enthusiastic, and concerned manner. Initiative and attention to duty and detail are paramount. PM conducted by nonchalant crewen is one indicator of an ineffective unit that will eventually experience mission failures as a result.

HALTS

Anytime the unit makes unscheduled halts, checks should be made as well. During short halts, a walk-around inspection should be made to check body, tires, and suspension components. Longer halts should include engine compartment/fluid level checks.

TASK: 6G.1.3 MAINTAIN DISPERSION

CONDITION(S): The elements of the FSSG are moving during a displacement under tactical conditions.

STANDARDS: EVAL: Y; N; NE

.1 ____ Maintains unit dispersion. (KI)

.2 ____ Maintains vehicle dispersion. (KI)

.3 ____ Continues individual dispersion when dismounted. (KI)

.4 ____ Maintains material dispersion. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

UNIT DISPERSION

Units are not grouped together in small areas where they combine to provide a lucrative target for enemy indirect fire. In particular, units do not bunch together during movement. This problem can occur as a result of poor planning as well as poor discipline and awareness.

VEHICLE DISPERSION

Vehicles maintain assigned position and interval during maneuvering. Vehicles do not gather in groups during halts, in assembly areas, or when deployed in stationary situations. Dispersion should be controlled. Leaders must be active in keeping vehicles spread out.

DISMOUNTED

Marines do not gather in groups when waiting in assembly areas, or when deployed in stationary situations. Dispersion is best controlled by junior leaders who are active in keeping Marines spread out.

MATERIAL

Material, equipment, and tentage are placed so as to reduce their vulnerability to bursting munitions. Unit leaders and responsible staff sections cooperate to keep unit materiaLs spread out.

TASK: 6G.l.4 USE COVER

CONDITION(S): The FSSG is supporting tactical operations.

STANDARDS: EVAL: Y; N; NE

.1 ____ Demonstrates, by use of tactics and personal example, an understanding of use of covered routes and firing positions for vehicles. (KI)

.2 ____ Avoids exposing halted elements to observation and fire.

.3 ____ Moves immediately to the nearest cover.

.4 ____ Seeks covered positions.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

COVERED POSITION

Obviously, when forced by enemy actions to seek out a covered firing position, the opportunity to find the ideal position is reduced. During scheduled halts a good position is a necessity. A covered firing position is defined as any position which satisfies the following requirements:

1. Position provides best possible observation and fields of fire.
2. Weapons mounted on the vehicle will cover the target.
3. The vehicles must be protected from direct fire to the front.
4. Individual Marines, when dismounted, demonstrate by tactical and personal example an understanding of the use of covered routes and covered positions.

TASK: 6G.l.5 USE OF CAMOUFLAGE AND CONCEALMENT

CONDITION(S): The FSSG is in a field location with adequate camouflage equipment available or natural material within a 200m radius of positions.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts appropriate immediate action when aircraft alarm is sounded.

.2 ____ Demonstrates attention to camouflage detail. (KI)

.3 ____ Provides appropriate netting for equipment and tentage unless natural material is available and used.

.4 ____ Prepares halted vehicles for concealment with camouflage screening system and natural camouflage.

.5 ____ Camouflages parked vehicles and newly constructed tents and structures within 15 minutes so that they are not visible from the ground or air at 800 meters with the naked eye, 2,000 meters with optics.

.6 ____ Avoids encumbering the vehicles; i.e., access to mounted equipment, doors, visibility, mounted weapons, or mobility.

.7 ____ Stresses placement of men and material in areas that are concealed from casual detection by enemy aircraft. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DETAILS

Marines employed in security watches and operations must prepare for those tasks.

1. Apply camouflage paint (when used) to more than just Marines' faces; covering neck, ears, arms, and other exposed areas as required.

2. Apply foliage to helmet, equipment as terrain dictates.

3. Cover or dull item that have a shiny reflective surface.

DETECTION

4. The first principle of camouflage is movement. Ability of the unit to detect approaching aircraft is critical. The mere act of pulling over and stopping does more to keep the vehicles from being detected by aircraft than any other step that could be taken. But without seeing an approaching aircraft first the unit has no way of reacting. Airguards are important and must stay motivated and alert.

TASK: 6G.1.6 PREPARE INDIVIDUAL EQUIPMENT AND PERSONNEL

CONDITION(S): The FSSG is alert of enemy activity in the rear area. The FSSG commander orders the FSSG to prepare for probable enemy contact. All personnel and their individual equipment are on hand. The MOPP level and uniform for the operation are established. Security patrol activity is increased.

STANDARDS: EVAL: Y; N; NE

.1 ____ Inspects all personnel for the specified uniform. (KI)

.2 ____ Fits all protective masks, whether worn or carried, and checks for leaks.

.3 ____ Stows M58A1 kits (for training only; in combat, use M258A1 kit) in or on the mask carrier.

.4 ____ Ensures all individual weapons and magazines are clean.

.5 ____ Performs functional checks on weapons and magazines.

.6 ____ Stows magazines in ammunition pouches.

.7 ____ Stows grenades securely; pins remain bent.

.8 ____ Wears individual load-bearing equipment (782 gear) as required by a unit SOP.

.9 ____ Ensures gear is properly fitted and strap-ends are secured, and that canteens are filled with potable water.

.10 ____ Ensures identification tags are worn around the neck, taped to prevent noise and that all personnel carry DD Form 2MC (U.S. Armed Forces Identification Card).

.11 ____ Enforces attention to the slightest open wounds (scratches and abrasions) so that they are cleaned and bandaged to prevent infection.

.12 ____ Enforces a clean shaven face (to prevent inadequate sealing of protective mask) by shaving at Least every 48 hours throughout the operation.

.13 ____ Uses bandages that are olive drab (OD), if possible.

.14 ____ Provides opportunities to bathe and change undergarments every 48 hours, if possible, when protective clothing is worn continuously, to avoid rashes.

.15 ____ Inspects backpacks and/or sea bags of each individual for personal hygiene equipment and extra clothing as specified in the unit SOP.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

UNIFORM

Uniform includes:

1. Protective clothing (based on the mission oriented protection posture (MOPP).
2. Body armor.
3. Helmet.
4. Protective mask, worn or carried according to MOPP.

TASK: 6G.1.7 PROCESS ENEMY PRISONERS OF WAR (EPW)

CONDITION(S): During an area security patrol the unit has captured a small number of enemy troops separated from their main unit.

STANDARDS: EVAL: Y; N; NE

.1 ____ Reports capture of EPW’s.

.2 ____ Orders transportation/guard support from higher command element to transport EPW’s to where they can be processed.

.3 ____ Segregates EPW’s by sex and type (officers, NCO’s, unranked, civilian combatants).

.4 ____ Searches EPW’s immediately after capture.

.5 ____ Returns with EPW's to friendly positions.

.6 ____ Tags weapons and items of potential intelligence value for retention.

.7 ____ Returns helmets, gas masks, personal items, and essential clothing to EPW's.

.8 ____ Requires EPW's to remain silent and permits no conversation among them.

.9 ____ Processes EPW's with speed to obtain maximum intelligence benefit.

.10 ____ Safeguards EPW's from abuse and from hazards of enemy fire.

.11 ____ Reports perishable information obtained from EPW's to higher command element by most expeditious means.

.12 ____ Ensures enemy casualties receive same medical care and medevac priority as unit casualties such that any differences in treatment are based solely on medical reasons.

.13 ____ Publishes a unit EPW processing SOP which, at a minimum, covers responsibility within the unit and required reports.

EVALUATOR INSTRUCTIONS: This task is applicable in all cases except those wherein the Tactical Exercise Control Group (TECG) instructions prohibit either the capture of any member of the aggressor force, or the introduction of actors into the exercise play. Evaluator ensures that EPW's are not mistreated.

KEY INDICATORS: None.

TASK: 6G.1.8 PROCESS CASUALTY EVACUATIONS

CONDITION(S): The FSSG is attacked by enemy aircraft using HE ordnance. Friendly casualties are sustained during the attack.

STANDARDS: EVAL: Y; N; NE

.1 ____ Applies first aid to casualties prior to arrival of corpsmen. (KI)

.2 ____ Applies self aid if (tagged by evaluator as) lightly wounded.

.3 ____ Demonstrates the proper care and procedures for extricating injured Marines from various positions and circumstances.

.4 ____ Demonstrates correct procedures for transporting casualties to a place of safety/treatment.

.5 ____ Reports casualties immediately through established chain of command.

.6 ____ Insures unit has an SOP which explains evacuation, evacuation request procedures, and required reports from subordinate units.

.7 ____ Follows established evacuation request procedures. (KI)

EVALUATOR INSTRUCTIONS: This task is applicable in all cases unless otherwise directed by TECG. Evaluators will tag casualties as instructed by the senior evaluator and evaluate those who should provide aid and assistance. All Marines who are tagged with an incapacitating wound will drop when "hit" and will not move under their own power.

KEY INDICATORS:

FIRST AID

Demonstrate knowledge of the four Lifesaving steps (stopping the bleeding, restoration of breathing, protecting the wound, treating for shock).

EVACUATION PROCEDURES

The casualty evacuation procedure must be common knowledge by all Marines. Any Marine should be abLe to properly request casualty evacuation on the radio.

6G.2 NBC OPERATIONS

TASK: 6G.2.1 PREPARE FOR NBC OPERATIONS

CONDITION(S): The unit commander has directed MOPP-1, that the chemical overgarment be worn as the standard combat uniform. An effective downwind message is provided to the unit at Least every 4 to 6 hours.

STANDARDS: EVAL: Y; N; NE

.1 ____ Issues all individual NBC defense equipment authorized by T/1 to each individual (provided the equipment can be utilized).

.2 ____ Distributes operationally ready NBC defense equipment authorized by T/E to designated operators.

.3 ____ Wears overgarments open or closed based on weather conditions and the commander’s guidance.

.4 ____ Carries gloves, overboots, and mask with hood attached.

.5 ____ Assembles decontamination equipment and bulk decontaminants.

.6 ____ Prepares decontamination equipment for ready transport to a decontamination site.

.7 ____ Fills M11/M13 DAP decontamination apparatuses (for training these devices should be filled with water).

.8 ____ Ensures NBC trained personnel are available to the unit on a 24 hour a day basis.

.9 ____ Maximizes use of terrain features for cover, concealment, and topographical shielding.

.10 ____ Prepares, to the degree feasible, below-ground shelters with overhead cover or makes maximum use of existing shelters.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 6G.2.2 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): The FSSG is informed that nuclear weapons have been used in the theater of operations and thus the probability of future use is imminent.

STANDARDS: EVAL: Y; N; NE

.1 ____ Identifies backup command, control, and communications procedures.

.2 ____ Alerts subordinate/displaced elements (if applicable).

.3 ____ Maintains security while implementing actions to minimize casualties and damage.

.4 ____ Implements protective measures, as directed by higher command element, consistent with the mission.

.5 ____ Minimize personnel exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two layered uniform.

.6 ____ Takes cover in foxholes, existing shelters (basements, culverts, caves, and tunnels), or Lie prone on the ground in a depression or ditch if possible.

.7 ____ Protects external electronic equipment from electromagnetic pulse (and transient radiation effects on electronics (TREE). (KI)

.8 ____ Places vehicles behind masking terrain.

.9 ____ Secures/protects all loose items, flammable/explosive items, food and water from heat, blast, and radiation.

.10 ____ Initiates periodic monitoring using the IM-174 radiac detector or the AN/VDR-2 radiac set.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

ELECTRONIC EQUIPMENT

When a unit has been informed that nuclear blast is imminent, the following precautionary measures should be taken:

1. On the C2 only utilize the KY67 and HYP57.

2. Turn off all other KY67 and HYP57 radios.

3. Disconnect the RF antenna base cable from the base of the antenna.

4. On the LAV(C2) only utilize the crew radios to save the MIQ and MSQ-115.

5. Disconnect all unused antennas and store inside the vehicle.

TASK: 6G.2.3 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): None.

STANDARDS: EVAL: Y; N; NE

.1 ____ Takes immediate action to shield themselves from blast/heat of detonation upon recognizing the attack.

.2 ____ Maintains or re-establishes chain of command and communications and CSSE, resume mission if possible.

.3 ____ Submits reliable and complete NBC-I initial and follow-up reports, as required, rapidly forward by secure means when possible.

.4 ____ Provides first aid to casualties.

.5 ____ Evacuates casualties to a medical treatment station as the mission permits.

.6 ____ Evacuates fatalities to a graves registration collection point.

.7 ____ Submits damage assessment by secure means to higher command element.

.8 ____ Initiates continuous monitoring using the IM-174 radiac detector or the AN/VDR-2 radiac set.

.9 ____ Implements the area damage control plan of higher HQ as ordered.

EVALUATOR INSTRUCTIONS: Nuclear attack is simulated by the detonation of an artillery or nuclear blast simulator or by other appropriate means. Evaluator will assess constructive casualties due to blast, heat, radiation, and electromagnetic pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation.

KEY INDICATORS: None.

TASK: 6G.2.4 RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR BLAST

CONDITION(S): A surface or aerial nuclear detonation has occurred. The FCSSA is within the predicted fallout zone. An M5A2 radiological fallout predictor, or substitute, is available. The unit gets effective downwind messages at least once every 6 hours. NBC-2 report is furnished to the unit about 15 minutes after the detonation, or prepared by the unit; NBC-3 report is furnished about 45 minutes after detonation; NBC-5 report and/or contamination overlay is provided about 4 hours after the detonation.

STANDARDS: EVAL: Y; N; NE

.1 ____ Performs unit mission concurrently with all other actions.

.2 ____ Notifies subordinate units of estimated time of fallout arrival when information becomes known.

.3 ____ Maintains continuous monitoring using the IM-174 detector or AN/VDR-2 radiac set.

.4 ____ Protects equipment, munitions, POL, food, and water from fallout, by covering with tarps, shelter halves, ponchos or placed inside shelters, vehicles or buildings.

.5 ____ Takes personal protective measures to minimize fallout effects. (KI)

.6 ____ Forwards NBC-4 reports to the higher command element by secure means, as required.

.7 ____ Measures unit total dose information using the IM-143 or AN/75.

.8 ____ Reports to the GCE using available secure means.

.9 ____ Minimizes exposure while the command element determines if relocation to a clean area is necessary.

.10 ____ Provides first aid treatment to casualties in a nuclear environment.

.11 ____ Assesses casualties and fatalities.

.12 ____ Assesses vehicles for damage.

EVALUATOR INSTRUCTIONS: Commander is advised of estimated time of fallout arrival.

KEY INDICATORS:

PERSONAL PROTECTIVE MEASURES

Personnel take the following measures to minimize fallout effects.

1. Utilize outer garments such as ponchos to the maximum extent possible.

2. Keep the inside of the vehicles and shelters as clean as possible.

TASK: 6G.2.5 PERFORM RADIOLOGICAL DECONTAMINATION

CONDITION(S): Fallout has ceased, and personnel and equipment are contaminated. The hazard to personnel does not allow time for the radiation to decay to a minimum Level. Time and tactical situation permits hasty decontamination. Decontamination support is not available. When employed as less than a battalion the unit will rely in part on the GCE/supported unit for decontamination equipment.

STANDARDS: EVAL: Y; N; NE

.1 ____ Conducts a survey of the unit area and equipment to determine the degree of contamination.

.2 ____ Establishes decontamination priorities.

.3 ____ Establishes a hasty decontamination point downwind of the unit’s position and out of the contaminated area.

.4 ____ Controls a tactical movement to the decontaminated site.

.5 ____ Dresses decontamination personnel in appropriate protective clothing and equipment.

.6 ____ Ensures the decontamination of equipment and vehicles using appropriate expedient deVIces. (KI)

.7 ____ Marks contaminated areas with standard NBC markers.

.8 ____ Determines adequacy of decontamination utilizing the AN/PDR-27.

.9 ____ Discards contaminated materials according to a tactical SOP, marks as contaminated, and provides location to higher command element.

.10 ____ Decontaminates decontamination personnel as necessary.

.11 ____ Avoids exceeding operational exposure guidance (OEG).

.12 ____ Records dose rate information for the hasty decontamination area.

.13 ____ Reports dose rate, utilizing the IM-174 and or AN/VDR-2, to higher command element.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

EXPEDIENT DECONTAMINATION

The rule of thumb for expedient decontamination is wet on wet and dry on dry. If the contaminant is wet, utilize buckets of water or spray down with the M-12A1/M17E1 decontaminization apparatus. If the contaminant is dry, simply brush it off the vehicles and personnel.

TASK: 6G.2.6 CROSS A RADIOLOGICALLY CONTAMINATED AREA

CONDITION(S): The tactical situation forces mobile elements of the FSSG to cross a radiologically contaminated area.

STANDARDS: EVAL: Y; N; NE

.1 ____ Applies the NBC 5 overlay to a map.

.2 ____ Arranges for a reconnaissance team over the route to perform a route survey and determine the actual time needed to cross the contamination. (KI)

.3 ____ Provides the reconnaissance element the turn-back dose rate.

.4 ____ Dispatches the reconnaissance element to reconnoiter the new area.

.5 ____ Crosses suspected contaminated area while employing contamination avoidance techniques.

.6 ____ Avoids exceeding operational exposure guidance.

.7 ____ Determines the degree of personnel and equipment contamination using the AN/PDR-27 after clearing the contaminated area.

.8 ____ Establishes decontamination priorities and performs them as required.

.9 ____ Records unit total dose information using available IM-143's or AN/PDR-75's.

.10 ____ Reports unit total dose information to higher command element.

EVALUATOR INSTRUCTIONS: The evaluator will provide the CSSE with turn back and dose rates, if higher command element does not provide it.

KEY INDICATORS:

RECONNAISSANCE

Reconnaissance can be performed by dispatching local teams or requesting MP support if it is available in the area of concern.

TASK: 6G.2.7 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): Unit receives a friendly nuclear STRIKWARN per FM 3-3 and ATP-A5. The FSSG is within minimum safe distance (MSD) 2 to 3.

STANDARDS: EVAL: Y; N; NE

.1 ____ Applies the STRIKWARN to the situation map within 5 minutes after message receipt.

.2 ____ Obtains pertinent information regarding the planned detonation (time of burst, ground zero, fallout coverage, and MSD).

.3 ____ Obtains advice of unit's vulnerability to the burst (within MSD 1, 2, or 3) and residual contamination (within predicted fallout zone).

.4 ____ Obtains advice of the measures needed to prevent casualties, damage, and extended interference with the mission.

.5 ____ Implements protective measures, as directed by higher headquarters, consistent with the mission.

.6 ____ Minimize personnel exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two-layered uniform.

.7 ____ Takes cover in foxholes, bunkers, armored vehicles, existing shelters (basements, culverts, caves, and tunnels). or lies prone on open ground, as time permits.

.8 ____ Places vehicles behind masking terrain.

.9 ____ Protects external electronic equipment from electromagnetic pulse (EMP) and transient radiation effects on electronics (TREE). (KI)

.10 ____ Places all loose items and highly flammable/explosive items in armored vehicles or shelters.

.11 ____ Acknowledges the warning before the expected time of burst.

.12 ____ Warns all attachments to implement protective measures.

EVALUATOR INSTRUCTIONS: Evaluator simulates nuclear detonation with an artillery or nuclear blast simulator, or informs the unit that nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS:

ELECTRONIC EQUIPMENT

When a unit has been informed that a nuclear blast is imminent, the following precautionary measures should be taken:

1. On the C2 only, utilize the KY67/HYP57 radio.
2. Turn off the KY67 and HYP57.
3. Disconnect the RF antenna base cable from the base of the antenna.
4. On the LAV(C2) only, utilize the crew radios to save the MIQ and MSQ-115.
5. Disconnect all unused antennas and store inside the vehicle.

TASK: 6G.2.8 PREPARE FOR A CHEMICAL AGENT ATTACK

CONDITION(S): The FSSG is informed that chemical weapons have been used in the theater of operations and that a chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

.1 ____ Uses a chemical defense SOP which addresses chemical defense/decontamination procedures.

.2 ____ Directs all elements (if applicable) to increase MOPP consistent with mission, temperature, work rate, and commander's guidance.

.3 ____ Identifies mission-essential tasks that require a high degree of manual dexterity or physical strength, and are difficult to perform in MOPP 4.

.4 ____ Plans alternate methods, such as allowing more time, rotating or assigning additional personnel.

.5 ____ Identifies criteria for donning the protective mask and chemical protective ensemble.

.6 ____ Demonstrates the capability to don the protective mask within 9 seconds.

.7 ____ Demonstrates the capability to don the chemical protective ensemble within 4-8 minutes (MOPP I-IV).

.8 ____ Establishes the buddy system to facilitate monitoring/treatment for chemical agent poisoning and emergency decontamination.

.9 ____ Continues the mission while implementing all actions to minimize casualties and damage.

.10 ____ Covers portions of essential equipment, munitions, POL, food and water, and supplies that cannot be placed in a shelter with expendable or readily decontaminated tarps, shelter halves, or ponchos.

.11 ____ Affixes detector paper to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.

.12 ____ Checks decontamination equipment to ensure the M11/M13 DAP is filled, individuals have complete M258A1 and M280 kits, and ensure there is an available water source with a supporting road network.

.13 ____ Reports potential decontamination sites to higher command element.

.14 ____ Ensures available chemical agent alarms are set up and monitored.

.15 ____ Uses protective NBC equipment and supplies properly.

.16 ____ Maintains protective NBC equipment in a high state of serviceability.

.17 ____ Ensures Marines can recognize chemical agent symptoms.

EVALUATOR INSTRUCTIONS: Inform CO/OIC that chemical weapons have been used in the theater of operations, and that attack is imminent.

KEY INDICATORS: None.

TASK: 6G.2.9 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): The FCSSA is subjected to a chemical agent attack.

STANDARDS: EVAL: Y; N; NE

.1 ____ Sounds alarm when chemical attack is suspected.

.2 ____ Takes immediate protective measures upon hearing a chemical alarm.

.3 ____ Passes the alarm.

.4 ____ Provides treatment/decontamination of casualties.

.5 ____ Masks upon notification of any enemy artillery, rocket, or air attack/overflight or upon perceiving a suspicious odor, airborne droplets/mist, or smoke from unknown source.

.6 ____ Refrains from individually unmasking until given the command "UNMASK" by immediate commander. (KI)

.7 ____ Performs mission for at Least 4 hours while in MOPP 4.

.8 ____ Identifies type of chemical agent utilizing the M256 kit or M8 paper.

.9 ____ Reports type of chemical agent to higher command element.

IF PERSISTENT AGENT:

.10 ____ Marks contamination with NATO standard markers.

.11 ____ Reports location and type of chemical agent to the higher command element.

.12 ____ Determines if immediate relocation to a clean area is necessary or possibLe, consistent with the mission.

.13 ____ Determines priorities for decontamination.

.14 ____ Requests decontamination support if required.

.15 ____ Insures decontamination and wraps WIA’s.

.16 ____ Marks WIA’s as contaminated if decontamination is not possible.

.17 ____ Evacuates contaminated WIA’s and alerts medical treatment facility.

.18 ____ Wraps and marks KIA’s as contaminated, and evacuates them as mission permits, then alerts the graves registration collection point.

IF NON PERSISTENT AGENT:

.19 ____ Follows unmasking procedures. (KI)

.20 ____ Provides first aid treatment to casualties in a chemical environment.

.21 ____ Evacuates WIA’s to the medical treatment facility as mission permits.

.22 ____ Evacuates KIA’s to the graves registration collection point as mission permits.

.23 ____ Services detector kits and returns to operation.

.24 ____ Replaces expended chemical defense items as required.

.25 ____ Adjusts MOPP level as required.

EVALUATOR INSTRUCTIONS: Training site should support the type of activities being conducted and permit the safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices to "treat designated casualties." Every attempt must be made to provide a realistic situation through devices, scenarios, acting or other aids developed through innovation. The key to a thorough evaluation is a realistic, believable, well-supported situation Imposed by the trainer/evaluator. Chemical casualties should be selected based on the following criteria:

1. Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.

2. Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not masking within 9 seconds), or making incorrect use of decontamination kits/first aid treatment items.

3. Marines who unmask or otherwise assume a lesser degree of MOPP without being authorized to do so.

KEY INDICATORS:

UNMASKING PROCEDURES

The unmasking procedures outlined below are to be initiated after being notified to do so by higher command element or the immediate commander.

Unmasking when a detector kit is available:

1. Use the detector at different points in the perimeter to determine the presence of chemical agents.

2. If no agent is detected the senior Marine present will designate two or three individuals to unmask for 5 minutes and than remask for 10 minutes. This is to be done in the shade.

3. If no symptoms appear, remainder of unit may unmask, however, they remain alert for symptoms.

When no detector kit is available, the following unmasking procedures will be adhered to:

1. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks, and keep the seal open for 15 seconds.

2. Then they rascal, clear their masks, check the Marines for symptoms, and wait 10 minutes in the shade.

3. If no symptoms appear, the same Marines break the seal of their masks, take two or three deep breaths, clear and rascal their masks.

4. If after 10 minutes no symptoms have appeared, the same Marines unmask for 5 minutes and then remask.

5. If after 10 more minutes no symptoms have appeared, the rest of the unit may unmask; however, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

TASK: 6G.2.10 PERFORM PARTIAL DECONTAMINATION

CONDITION(S): Personnel and equipment have been contaminated by a chemical agent. Emergency decontamination has been accomplished. Time is not available for complete decontamination. The hazard is such that partial decontamination is required. All personnel are maintaining a maximum MOPP.

STANDARDS: EVAL: Y; N; NE

.1 ____ Individual weapons and equipment are decontaminated using appropriate decontamination kits.

.2 ____ Determines extent of contamination.

.3 ____ Establishes decontamination priorities.

.4 ____ Removes contaminated protective covers.

.5 ____ Discards contaminated protective covers.

.6 ____ Ensures decontamination procedures are appropriate to items being decontaminated. (KI)

.7 ____ Conducts hasty decontamination of equipment and vehicles using appropriate expedient devices.

TAKES ONE OF THE FOLLOWING COURSES OF ACTION IF DECONTAMINATION IS DETERMINED TO BE INADEQUATE:

.8 ____ Repeats procedures.

.9 ____ Requests decontamination support.

OR

.10 ____ Accepts risk of using equipment.

.11 ____ Discards contaminated materials according to tactical SOP ensuring they are marked as contaminated.

.12 ____ Reports location to higher headquarters.

.13 ____ Reduces MOPP Level if required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

1. Initial decontamination of unit equipment, vehicles, and crew served weapons may be accomplished by:

   a. Removing all gross liquid contamination with sticks or other improvised devices, which are buried after use.

   b. Utilizing M11 decontamination apparatuses filled with DS2 to spray areas frequently used or touched. (Water is used to simulate DS2 in a training environment.)

2. Contaminated items that may need special decontamination treatment are:

   a. POL, food, and water containers and munitions. Wash with soapy water, rinse, and thoroughly air dry.

   b. Communications equipment and other electronic equipment. Decontamination should be accomplished using hot air, by weathering, or wipe all metal parts with rags soaked with DS2 (use water for training purposes).

   c. Optical Instruments. Blot with rags and then wipe with lens cleaning solution or organic solvent.

3. Adequacy of decontamination is determined using the chemical agent detector kit. If contamination is still present, the decontamination process should be repeated.

4. Hasty decontamination procedures can be developed in the MOPP gear exchange phase. MOPP gear exchange is the exchange of protective clothing as soon as the tactical situation permits or within 6 hours of being contaminated. Proper security must arranged. The buddy system is utilized. The area needs to be continually checked to ensure it is free of contamination. Once unmasking procedures have been completed, personnel may unmask to provide relief from the MOPP IV posture.

TASK: 6G.2.11 COORDINATE COMPLETE DECONTAMINATION OF EQUIPMENT

CONDITION: FSSG equipment has been contaminated by a chemical agent. Emergency decontamination has been accomplished. Time is now available for complete decontamination, and support is available.

STANDARDS: EVAL: Y; N; NE

.1 ____ Makes coordination with the decontamination unit as to the time of arrival, supplies, equipment, and personnel support to be furnished by the contaminated unit, and the estimated time of completion.

.2 ____ request and receives route clearance to personnel decontamination station/equipment decontamination station (PDS/EDS) assembly area.

.3 ____ Augments decontamination operation with advance party personnel to establish security at the PDS/EDS.

.4 ____ Organizes main body for processing at PDS/EDS assembly area.

.5 ____ Begins decontamination as scheduled.

.6 ____ Reorganizes in a clean area upwind of residual contamination and prepares for resumption of mission.

.7 ____ Adjusts MOPP level as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATIONS: None

TASK: 6G.2.12 SCORE THE NBC EXAM

CONDITION(S): Classroom atmosphere. Exam will be prepared at the higher command level and will take no more than 30 minutes. All available personnel will take th examination. A practical examination is recommended over a written or oral exam.

STANDARDS: EVAL: Y; N; NE

.1 ____ Average 10 percent or higher.

.2 ____ Average 20 percent or higher.

.3 ____ Average 30 percent or higher.

.4 ____ Average 40 percent or higher.

.5 ____ Average 50 percent or higher.

.6 ____ Average 60 percent or higher.

.7 ____ Average 70 percent or higher.

.8 ____ Averages 80 percent or higher.

.9 ____ Averages 90 percent or higher.

.10 ____ Averages 100 percent.

EVALUATOR INSTRUCTIONS: Standards will be marked either Y or N as appropriate. As an example, if the team average was 76 percent, .1 through .7 would be marked Y (Yes) and the remainder would be marked N (No).

REQUIRED DATA:

1. Number of personnel in UNIT:
2. Number of personnel taking exam:
3. Team average:

KEY INDICATORS: None.
